

Specifications Guide European Chemicals

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Definitions of the trading locations for which Platts publishes indexes or assessments

The following specifications guide contains the primary specifications and methodologies for S&P Global Commodity Insights' Platts chemical assessments throughout Europe and Africa. All the assessments listed here employ Platts Assessments Methodology, as published at https://www.spglobal.com/platts/plattscontent/_assets/_files/en/our-methodology/methodology-specifications/platts-assessments-methodology-guide.pdf

These guides are designed to give Platts subscribers as much information as possible about a wide range of methodology and specification questions.

This guide is current at the time of publication. Platts may issue further updates and enhancements to this guide and will announce these to subscribers through its usual publications of record. Such updates will be included in the next version of this guide. Platts editorial staff and managers are available to provide guidance when assessment issues require clarification.

Olefins

| Assessment | Currency | Code | Mavg | Wavg | Type | Basis | Location | Delivery Period | Min Size | Max Size | Uom | Page | Mavg | Wavg |
|---------------------------------------|----------|---------|---------|---------|----------|-------|---------------|-------------------|----------|----------|-----|--------|------|--------|
| Ethylene, Propylene, Butadiene | | | | | | | | | | | | | | |
| Ethylene CIF Med Weekly | USD | PHAJC00 | PHBCZ03 | | Spot | CIF | Mediterranean | 3-30 days forward | 1000 | | MT | PC0236 | | |
| Ethylene CIF Med Weekly M1 | USD | HPBJD04 | HPBJD03 | | Spot | CIF | Mediterranean | Current month | 1000 | | MT | PC300 | | |
| Ethylene CIF Med Weekly M2 | USD | HPBJE04 | HPBJE03 | | Spot | CIF | Mediterranean | Next month | 1000 | | MT | PC300 | | |
| Ethylene CIF NWE | USD | PHAJD00 | PHBCY03 | PHAJD03 | Spot | CIF | NWE | 3-30 days forward | 1000 | | MT | PC543 | | PC0236 |
| Ethylene CIF NWE M1 | USD | HPBJF00 | HPBJF03 | HPBJF04 | Spot | CIF | NWE | Current month | 1000 | | MT | PC543 | | |
| Ethylene CIF NWE M2 | USD | HPBJG00 | HPBJG03 | HPBJG04 | Spot | CIF | NWE | Next month | 1000 | | MT | PC543 | | |
| Ethylene FD NWE | EUR | HPAJE00 | HPBCX03 | HPAJE03 | Spot | FD | NWE | 3-30 days forward | 100 | | MT | PC0236 | | PC0236 |
| Ethylene FD NWE M1 | EUR | HPBJI00 | HPBJI03 | HPBJI04 | Spot | FD | NWE | Current month | 100 | | MT | PC543 | | |
| Ethylene FD NWE M2 | EUR | HPBJJ00 | HPBJJ03 | HPBJJ04 | Spot | FD | NWE | Next month | 100 | | MT | PC543 | | |
| Ethylene FD NWE | USD | HPAJE10 | HPAJE13 | HPAJE14 | Spot | FD | NWE | 3-30 days forward | 100 | | MT | PC0300 | | PC0300 |
| Ethylene FD NWE CP* | EUR | AAUDC00 | | | Contract | FD | NWE | Current month | | | MT | PC0236 | | |
| Ethylene FD NWE CP * | USD | AAUDC10 | | | Contract | FD | NWE | Current month | | | MT | PC0300 | | |
| Ethylene CP* Indicator | EUR | HPBJH00 | HPBJH03 | | Contract | FD | NWE | Next month | | | | PC543 | | |
| Propylene CP* Indicator | EUR | HPBJO00 | HPBJO03 | | Contract | FD | NWE | Next month | | | | PC543 | | |
| Poly grade propylene FD NWE | EUR | HPAJQ00 | HPBCA03 | HPAJQ01 | Spot | FD | NWE | 3-30 days forward | 100 | | MT | PC543 | | PC0237 |
| Poly grade propylene FD NWE M1 | EUR | HPBJM00 | HPBJM03 | HPBJM04 | Spot | FD | NWE | Current month | 100 | | MT | PC543 | | |
| Poly grade propylene FD NWE M2 | EUR | HPBJN00 | HPBJN03 | HPBJN04 | Spot | FD | NWE | Next month | 100 | | MT | PC543 | | |
| Poly grade propylene FD NWE | USD | HPAJQ10 | HPAJQ13 | HPAJQ14 | Spot | FD | NWE | 3-30 days forward | 100 | | MT | PC0308 | | PC0308 |
| Poly grade propylene CIF NWE | EUR | HPAJP00 | HPBCB03 | HPAJP01 | Spot | CIF | NWE | 3-30 days forward | 1000 | | MT | PC543 | | PC0237 |
| Poly grade propylene CIF NWE M1 | EUR | HPBJK00 | HPBJK03 | HPBJK04 | Spot | CIF | NWE | Current month | 1000 | | MT | PC543 | | |
| Poly grade propylene CIF NWE M2 | EUR | HPBJL00 | HPBJL03 | HPBJL04 | Spot | CIF | NWE | Next month | 1000 | | MT | PC543 | | |
| Poly grade propylene CIF NWE | USD | HPAJP10 | HPAJP13 | HPAJP14 | Spot | CIF | NWE | 3-30 days forward | 1000 | | MT | PC0308 | | PC0308 |

Olefins

| Assessment | Currency | Code | Mavg | Wavg | Type | Basis | Location | Delivery Period | Min Size | Max Size | Uom | Page | Mavg | Wavg |
|--|----------|---------|---------|---------|----------|-------|----------|-------------------|----------|----------|-----|--------|------|--------|
| Chem grade propylene FD NWE Weekly | EUR | HPAJZ00 | HPBCM03 | | Spot | FD | NWE | 3-30 days forward | 100 | | MT | PC0237 | | |
| Chem grade propylene FD NWE Weekly M1 | EUR | HPBJP04 | HPBJP03 | | Spot | FD | NWE | Current month | 100 | | MT | PC0308 | | |
| Chem grade propylene FD NWE Weekly M2 | EUR | HPBJC04 | HPBJC03 | | Spot | FD | NWE | Next month | 100 | | MT | PC0308 | | |
| Chem grade propylene CIF NWE Weekly | EUR | HPAJY00 | HPBCN03 | | Spot | CIF | NWE | 3-30 days forward | 1000 | | MT | PC0237 | | |
| Chem grade propylene CIF NWE Weekly M1 | EUR | HPBJA04 | HPBJA03 | | Spot | CIF | NWE | Current month | 1000 | | MT | PC0308 | | |
| Chem grade propylene CIF NWE Weekly M2 | EUR | HPBJB04 | HPBJB03 | | Spot | CIF | NWE | Next month | 1000 | | MT | PC0308 | | |
| Poly grade propylene FD NWE CP* | EUR | AAPST00 | | | Contract | FD | NWE | Current month | | | MT | PC0237 | | |
| Poly grade propylene FD NWE CP* | USD | AAPST10 | | | Contract | FD | NWE | Current month | | | MT | PC0308 | | |
| Butadiene FOB Rotterdam | USD | PHAKG00 | PHBCR03 | PHAKG04 | Spot | FOB | NWE | 3-30 days forward | 1000 | | MT | PC519 | | PC0312 |
| Butadiene FD NWE | EUR | HPAKF00 | HPBCQ03 | HPAKF04 | Spot | FD | NWE | 3-30 days forward | 100 | | MT | PC519 | | PC0312 |
| Butadiene FD NWE | USD | HPAKF10 | HPAKF13 | HPAKF14 | Spot | FD | NWE | 3-30 days forward | 100 | | MT | PC519 | | PC0312 |
| Butadiene FD NWE CP* | EUR | AAXOJ00 | | | Contract | FD | NWE | Current month | | | MT | PC519 | | |
| Butadiene FD NWE CP* | USD | AAXOJ10 | | | Contract | FD | NWE | Current month | | | MT | PC0312 | | |
| Crude C4 Weekly | USD | AAVOS00 | AAVOS03 | | Spot | CIF | NWE | 3-30 days forward | 1000 | | MT | PC0461 | | |
| Crude C4 Factor Weekly | | AAVOS02 | | | | | | 3-30 days forward | | | MT | PC0461 | | |

Glycols

| | | | | | | | | | | | | | | |
|-----------------------|-----|---------|---------|--|----------|-----|--------------------|-------------------|------|-----|----|--------|--|--|
| MEG CIF ARA T2 Weekly | EUR | AAUWV00 | AAUWV03 | | Spot | CIF | ARA, basis Antwerp | 3-30 days forward | 1000 | | MT | PC0236 | | |
| MEG CIF ARA T2 Weekly | USD | PHAJL00 | PHBDE03 | | Spot | CIF | ARA, basis Antwerp | 3-30 days forward | 1000 | | MT | PC0236 | | |
| MEG FCA ARA | USD | AAUWW10 | AAUWW13 | | Spot | FCA | ARA, basis Antwerp | 3-30 days forward | 25 | 100 | MT | PC0304 | | |
| MEG FCA ARA | EUR | AAUWW00 | AAUWW03 | | Spot | FCA | ARA, basis Antwerp | 3-30 days forward | 25 | 100 | MT | PC0236 | | |
| MEG FD NWE T2 Weekly | EUR | HPAJK00 | HPBDD03 | | Spot | FD | NWE | 3-30 days forward | 25 | 100 | MT | PC0236 | | |
| MEG FD NWE T2 Weekly | USD | HPAJK10 | HPAJK13 | | Spot | FD | NWE | 3-30 days forward | 25 | 100 | MT | PC0304 | | |
| MEG FD NWE CP* | EUR | HPAJM00 | HPBDF03 | | Contract | FD | NWE | Current month | | | MT | PC0236 | | |
| MEG FD NWE CP* | USD | HPAJM10 | HPAJM13 | | Contract | FD | NWE | Current month | | | MT | PC0304 | | |
| DEG FCA ARA Weekly | EUR | AAXCX00 | AAXCX03 | | Spot | FCA | ARA, basis Antwerp | 3-30 days forward | 25 | 100 | MT | PC0236 | | |
| DEG FD NWE Weekly | EUR | AAXCY00 | AAXCY03 | | Spot | FD | NWE | 3-30 days forward | 25 | 100 | MT | PC0236 | | |

Cracker Margins

| | | | | | | | | | | | | | | |
|--|-----|---------|--|--|----------|--|--|--|--|--|--|-------|--|--|
| Platts Petrochemical Cracker Margin (Spot Price) | USD | AAXOI00 | | | Spot | | | | | | | PC543 | | |
| Platts Petrochemical Cracker Margin (Spot Price) | EUR | AAYDE00 | | | Spot | | | | | | | PC543 | | |
| Platts Petrochemical Cracker Margin (CP*) | USD | AAYDF00 | | | Contract | | | | | | | PC543 | | |
| Platts Petrochemical Cracker Margin (CP*) | EUR | AAYDG00 | | | Contract | | | | | | | PC543 | | |

*CP = industry-settled contract price.

Olefins

Assessment Window: Assessments are based on the latest information from the market up to the close of the assessment window at 4:30 pm London time each day for daily assessments and 4:30 pm London time Friday or last working day of the week in case of holidays for weekly assessments.

Timing: Platts assesses ethylene, propylene, butadiene, MEG, DEG and crude C4s for delivery within a rolling 3-30 day window from the date of publication. Platts also publishes assessments for delivery of ethylene and propylene within the current month (M1) and next month (M2). M1 and M2 assessments are based on material trading for delivery or loading any time during the specified month and roll on the first of the month.

For all daily assessments Platts also publishes weekly averages on the last working day of the week.

Assessments are for T2 product, i.e. duty paid for European-qualified material.

Ethylene

Basis and Locations: Spot prices are assessed daily in Eur/mt FD NWE and in \$/mt CIF NWE. CIF Med prices are assessed weekly in \$/mt and reflect deliveries in the Western Mediterranean ports, including those on the West Coast of Italy and southern France.

Additionally, Platts publishes an industry-settled monthly contract price in Eur/mt FD NWE. The monthly contract price is updated at the start of the settlement month, once Platts has information that two independent buyers and two independent sellers have agreed the same price. In the event that there is more than one price settlement, Platts generally publishes an average of these price settlements, as per industry convention. If a full settlement is not reached, Platts will not publish a monthly contract price.

Mode of Transport: Pipeline for FD assessments. Vessel for CIF assessments.

Standard Cargo Size: Minimum 1,000mt for CIF, minimum 100mt for FD.

Product Specifications: Minimum purity of 99.9%.

Propylene

Basis and Locations: Polymer grade spot prices are assessed daily in Eur/mt FD NWE and CIF NWE. Chemical grade prices are assessed weekly in Eur/mt FD NWE and CIF NWE.

Additionally, Platts publishes an industry-settled monthly contract price in Eur/mt FD NWE. The monthly contract price is updated at the start of the settlement month, once Platts has information that two independent buyers and two independent sellers have agreed the same price. In the event that there is more than one price settlement, Platts generally publishes an average of these price settlements, as per industry convention. If a full settlement is not reached, Platts will not publish a monthly contract price.

Mode of Transport: Pipeline, railcar, truck or barge for FD assessments. Vessel for CIF assessments.

Standard Cargo Size: Minimum 1,000mt for CIF, minimum 100mt for FD.

Product Specifications: Polymer grade - minimum purity of 99.5%. Chemical grade - minimum purity of 94%.

Ethylene/Propylene Indicators

Platts Ethylene and Propylene Indicators are published daily and reflect a calculated gross contract price for the month ahead in Eur/mt on a FD NWE basis. Platts uses a rolling regression model to calculate an indicative contract price

throughout the month pending confirmed settlements. If the industry contract price settles before the end of the month, the month-ahead calculation is replaced with the industry-settled contract price. The month rolls on the first of each month.

The independent variables used in the rolling regression model are the differences between the latest 10-day average on the day of calculation and the 10-day average at the time of the most recent industry contract price settlement for four published daily prices. The independent variables are:

- Platts month-ahead ethylene FD NWE spot price;
- Platts month-ahead propylene FD NWE spot price;
- Platts naphtha CIF NWE financial M1 swap price [PAAAJ00];
- Platts benzene CIF ARA M2 spot price.

Platts Petrochemical Cracker Margin

Platts Petrochemicals Cracker Margin (PCM) spot and contract calculations are published daily in \$/mt and in Eur/mt. The PCM aims to provide a basic calculation of the petrochemicals margins of steam cracker operators in Europe.

The variables used in the calculation of the spot PCM include:

- Naphtha CIF NWE [PAAAL00];
- Ethylene FD NWE (3-30 days forward, converted to \$/mt);
- Propylene FD NWE (3-30 days forward, converted to \$/mt);
- Butadiene FD NWE (3-30 days forward, converted to \$/mt);
- Benzene CIF ARA (5-30 days forward);
- Gasoline 10 ppm FOB AR [PGABM00];

- Low-sulfur fuel oil 1% CIF NWE [PUAAL00].
- Euro-dollar exchange rate [BCADD00]

The PCM spot formula is as follows:

- $PCM = 0.96 * \text{Ethylene FD NWE} + 0.54 * \text{Propylene FD NWE} + 0.19 * \text{Benzene CIF ARA} + 0.17 * \text{Butadiene FD NWE} + 0.55 * \text{Gasoline 10 ppm FOB Rdam barge} + (-0.0935 * \text{LSFO 1\% CIF NWE}) + (-3.13 * \text{Naphtha CIF NWE cargo})$.

The variables used in the calculation of the contract PCM include ethylene, propylene, benzene and butadiene industry-settled monthly contract prices and cumulative monthly averages of the respective feedstocks.

Butadiene

Basis and Locations: Spot prices are assessed daily in Eur/mt FD NWE and in \$/mt FOB Rotterdam.

Additionally, Platts publishes an industry-settled monthly contract price in Eur/mt FD NWE. The monthly contract price is updated at the start of the settlement month, once Platts has information that two independent buyers and two independent sellers have agreed the same price. In the event that there is more than one price settlement, Platts generally publishes an

average of these price settlements, as per industry convention. If a full settlement is not reached, Platts will not publish a monthly contract price.

Mode of Transport: Railcar or barge for FD assessments. Vessel for FOB assessments.

Standard Cargo Size: Minimum 1,000mt for FOB, minimum 100mt for FD.

Product Specifications: Minimum purity of 99.5%.

Crude C4

Basis and Locations: Spot prices are assessed weekly in \$/mt CIF NWE.

Standard Cargo Size: At least 1,000mt.

Product Specifications: Typical contents of 43% butadiene and 25% isobutylene.

Crude C4 factor: The factor to naphtha expresses the ratio between the weekly crude C4 assessments basis CIF NWE and the physical naphtha assessment basis CIF NWE [PAAAL00] on the same day.

Monoethylene Glycol (MEG)

Basis and Locations: Spot prices are assessed weekly in Eur/mt FCA ARA, basis Antwerp, FD NWE and CIF ARA, basis Antwerp.

Additionally, Platts publishes an industry-settled monthly contract price in Eur/mt FD NWE. The monthly contract price is updated when available, once Platts has information that two independent buyers and two independent sellers have agreed the same price. In the event that there is more than one price settlement, Platts generally publishes an average of these price settlements, as per industry convention. If a full settlement is not reached, Platts will not publish a monthly contract price.

Standard Cargo Size: Minimum 1,000mt for CIF, between 25-100mt for FCA and FD.

Product Specifications: Minimum purity of 99.9%.

Diethylene Glycol (DEG)

Basis and Locations: Spot prices are assessed weekly in Eur/mt FCA ARA, basis Antwerp, and FD NWE.

Standard Cargo Size: 25-100 mt.

Product Specifications: Minimum purity of 99.5%.

Aromatics and Methanol

| Assessment | Currency | Code | Mavg | Wavg | Type | Basis | Location | Delivery Period | Min Size | Max Size | Uom | Page | Mavg | Wavg |
|---|----------|---------|---------|---------|----------|-------|----------|---|----------|----------|-----|--------|--------|--------|
| Benzene | | | | | | | | | | | | | | |
| Benzene CIF ARA | USD | AAOAX00 | AAOAX03 | AAOAX05 | Spot | CIF | ARA | 5-30 days forward | 1000 | 1000 | MT | PC0317 | PC0432 | PC0320 |
| Benzene CIF ARA Mo01 | USD | AAOQQ00 | AAOQQ03 | AAOQQ05 | Spot | CIF | ARA | within the current month or the next calendar month if assessment date falls in the last five working days of the month | 1000 | 1000 | MT | PC0317 | PC0432 | PC0320 |
| Benzene CIF ARA Mo02 | USD | AAOQR00 | AAOQR03 | AAOQR05 | Forward | CIF | ARA | within the 2nd month or within the 3rd month if assessment date falls in the last five working days of the month | 1000 | 1000 | MT | PC0317 | PC0432 | PC0320 |
| Benzene CIF ARA Mo03 | USD | AAIBH00 | AAIBG00 | - | Forward | CIF | ARA | within the 3rd month or within the 4th month if assessment date falls in the last five working days of the month | 1000 | 1000 | MT | PC0060 | | |
| Benzene CIF ARA Mo04 | USD | AAIBJ00 | AAIBI00 | - | Forward | CIF | ARA | within the 4th month or within the 5th month if assessment date falls in the last five working days of the month | 1000 | 1000 | MT | PC0060 | | |
| Benzene CIF ARA Mo05 | USD | AAIBL00 | AAIBK00 | - | Forward | CIF | ARA | within the 5th month or within the 6th month if assessment date falls in the last five working days of the month | 1000 | 1000 | MT | PC0060 | | |
| Benzene CIF ARA CP* | USD | AAPE00 | - | - | Contract | CIF | ARA | Current month | | | MT | PC0317 | | |
| Benzene CIF ARA CP* | EUR | AAKJB00 | - | - | Contract | CIF | ARA | Current month | | | MT | PC0317 | | |
| Benzene CIF ARA CP* indicator | USD | HPBJQ00 | | | Contract | CIF | ARA | Next month | | | MT | PC0318 | | |
| Toluene | | | | | | | | | | | | | | |
| Toluene CIF ARA | USD | TLEAA00 | TLEAA03 | TLEAA04 | Spot | CIF | ARA | 5-30 days forward | 2000 | 5000 | MT | PC0377 | PC0432 | PC0324 |
| Toluene CIF ARA Mo01 | USD | TLEAB00 | TLEAB03 | TLEAB04 | Spot | CIF | ARA | within the current month or the next calendar month if assessment date falls in the last five working days of the month | 2000 | 5000 | MT | PC0377 | PC0432 | PC0324 |
| Toluene CIF ARA Mo02 | USD | TLEAC00 | TLEAC03 | TLEAC04 | Forward | CIF | ARA | within the 2nd month or within the 3rd month if assessment date falls in the last five working days of the month | 2000 | 5000 | MT | PC0377 | PC0432 | PC0324 |
| Toluene TDI FOB ARA | USD | AASF00 | AASF03 | AASF04 | Spot | FOB | ARA | 5-30 days forward | 2000 | 5000 | MT | PC0377 | PC0432 | PC0324 |
| Toluene TDI FOB ARA Mo01 | USD | AASFF00 | AASFF03 | AASFF04 | Spot | FOB | ARA | within the current month or the next calendar month if assessment date falls in the last five working days of the month | 2000 | 5000 | MT | PC0377 | PC0432 | PC0324 |
| Toluene TDI FOB ARA Mo02 | USD | AASFJ00 | AASFJ03 | AASFJ04 | Forward | FOB | ARA | within the 2nd month or within the 3rd month if assessment date falls in the last five working days of the month | 2000 | 5000 | MT | PC0377 | PC0432 | PC0324 |
| Toluene CIF ARA Mo01 spread to EBOB FOB AR swap | USD | TLPRA00 | TLPRA03 | TLPRA04 | Spot | CIF | ARA | within the current month or the next calendar month if assessment date falls in the last five working days of the month | 2000 | 5000 | MT | PC0377 | PC0432 | PC0324 |
| Toluene CIF ARA Mo02 spread to EBOB FOB AR swap | USD | TLPRB00 | TLPRB03 | TLPRB04 | Forward | CIF | ARA | within the 2nd month or within the 3rd month if assessment date falls in the last five working days of the month | 2000 | 5000 | MT | PC0377 | PC0432 | PC0324 |
| Paraxylene | | | | | | | | | | | | | | |
| Paraxylene FOB ARA | USD | AAILD00 | AAIOR00 | AAIVB00 | Spot | FOB | ARA | 5-30 days forward | 1000 | 1000 | MT | PC0375 | PC0432 | PC0444 |
| Paraxylene FOB ARA Mo01 | USD | AASDB00 | AASDB03 | AASDB01 | Spot | FOB | ARA | within the current month or the next calendar month if assessment date falls in the last five working days of the month | 1000 | 1000 | MT | PC0375 | PC0432 | PC0444 |
| Paraxylene FOB ARA Mo02 | USD | AASDC00 | AASDC03 | AASDC01 | Forward | FOB | ARA | within the 2nd month or within the 3rd month if assessment date falls in the last five working days of the month | 1000 | 1000 | MT | PC0375 | PC0432 | PC0444 |
| Paraxylene FD NWE CP* | EUR | AALHZ00 | | | Contract | FD | NWE | Current month | | | MT | PC0375 | | |
| Paraxylene FD NWE CP* | USD | AALHZ10 | | | Contract | FD | NWE | Current month | | | MT | PC0375 | | |

Aromatics and Methanol

| Assessment | Currency | Code | Mavg | Wavg | Type | Basis | Location | Delivery Period | Min Size | Max Size | Uom | Page | Mavg | Wavg |
|--|----------|---------|---------|---------|----------|-------|-----------|---|----------|----------|-----|--------|--------|--------|
| Orthoxylene | | | | | | | | | | | | | | |
| Orthoxylene FOB ARA | USD | PHABK00 | PHBFR03 | PHABK04 | Spot | FOB | ARA | 5-30 days forward | 1000 | 1000 | MT | PC0332 | PC0432 | PC0444 |
| Orthoxylene NWE CP* | EUR | HPABJ00 | HPBFS03 | | Contract | FD | NWE | Current month | | | MT | PC0332 | | |
| Orthoxylene NWE CP* | USD | HPABJ10 | HPABJ13 | | Contract | FD | NWE | Current month | | | MT | PC0332 | | |
| Mixed Xylenes | | | | | | | | | | | | | | |
| Mixed Xylene CIF ARA | USD | MXEAA00 | MXEAA03 | MXEAA04 | Spot | CIF | ARA | 5-30 days forward | 2000 | 5000 | MT | PC0328 | PC0432 | PC0444 |
| Mixed Xylene CIF ARA Mo01 | USD | MXEAB00 | MXEAB03 | MXEAB04 | Spot | CIF | ARA | within the current month or the next calendar month if assessment date falls in the last five working days of the month | 2000 | 5000 | MT | PC0328 | PC0432 | PC0444 |
| Mixed Xylene CIF ARA Mo02 | USD | MXEAC00 | MXEAC03 | MXEAC04 | Forward | CIF | ARA | within the 2nd month or within the 3rd month if assessment date falls in the last five working days of the month | 2000 | 5000 | MT | PC0328 | PC0432 | PC0444 |
| Mixed Xylene FOB ARA | USD | PHABD00 | PHBFQ03 | PHABD04 | Spot | FOB | ARA | 5-30 days forward | 2000 | 5000 | MT | PC0328 | PC0432 | PC0444 |
| Mixed Xylene CIF ARA Mo01 spread to EBOB FOB AR swap | USD | MXPRA00 | MXPRA03 | MXPRA04 | Spot | CIF | ARA | within the current month or the next calendar month if assessment date falls in the last five working days of the month | 2000 | 5000 | MT | PC0328 | PC0432 | PC0444 |
| Mixed Xylene CIF ARA Mo02 spread to EBOB FOB AR swap | USD | MXPRB00 | MXPRB03 | MXPRB04 | Forward | CIF | ARA | within the 2nd month or within the 3rd month if assessment date falls in the last five working days of the month | 2000 | 5000 | MT | PC0328 | PC0432 | PC0444 |
| Styrene | | | | | | | | | | | | | | |
| Styrene FOB ARA | USD | AAOQP00 | AAOQP03 | AAOQP05 | Spot | FOB | ARA | 5-30 days forward | 1000 | 1000 | MT | PC0376 | PC0444 | PC0338 |
| Styrene FOB ARA Mo01 | USD | AAVOQ00 | AAVOQ03 | AAVOQ04 | Spot | FOB | ARA | within the current month or the next calendar month if assessment date falls in the last five working days of the month | 1000 | 1000 | MT | PC0376 | PC0444 | PC0338 |
| Styrene FOB ARA Mo02 | USD | AAVOR00 | AAVOR03 | AAVOR04 | Forward | FOB | ARA | within the 2nd month or within the 3rd month if assessment date falls in the last five working days of the month | 1000 | 1000 | MT | PC0376 | PC0444 | PC0338 |
| Methanol | | | | | | | | | | | | | | |
| Methanol T2 FOB Rotterdam | EUR | HPACQ00 | HPBGB03 | HPACQ01 | Spot | FOB | Rotterdam | 5-30 days forward | 1000 | 1000 | MT | PC1160 | PC0444 | PC0346 |
| Methanol T2 FOB Rotterdam Mo01 | EUR | MEFRA01 | MEFRA13 | MEFRA14 | Spot | FOB | Rotterdam | within the current month or the next calendar month if assessment date falls in the last five working days of the month | 1000 | 1000 | MT | PC1160 | PC0444 | PC0346 |
| Methanol T2 FOB Rotterdam Mo02 | EUR | MEFRA02 | MEFRA23 | MEFRA24 | Forward | FOB | Rotterdam | within the current month or the next calendar month if assessment date falls in the last five working days of the month | 1000 | 1000 | MT | PC1160 | PC0444 | PC0346 |
| Methanol T2 FOB Rotterdam | USD | HPACQ10 | HPACQ13 | HPACQ14 | Spot | FOB | Rotterdam | 5-30 days forward | 1000 | 1000 | MT | PC1160 | | PC0346 |
| Methanol T2 FOB Rotterdam Mo01 | USD | MEFRB01 | MEFRB13 | MEFRB14 | Spot | FOB | Rotterdam | within the current month or the next calendar month if assessment date falls in the last five working days of the month | 1000 | 1000 | MT | PC1160 | PC0444 | PC0346 |
| Methanol T2 FOB Rotterdam Mo02 | USD | MEFRB02 | MEFRB23 | MEFRB24 | Forward | FOB | Rotterdam | within the current month or the next calendar month if assessment date falls in the last five working days of the month | 1000 | 1000 | MT | PC1160 | PC0444 | PC0346 |
| Methanol Quarterly CP* | EUR | HPACO00 | HPBGC03 | | Contract | FOB | Rotterdam | Current quarter | | | MT | PC1160 | | |
| Methanol Quarterly CP* | USD | HPACO10 | HPACO13 | | Contract | FOB | Rotterdam | Current quarter | | | MT | PC1160 | | |

*CP = industry-settled contract price.

Aromatics and methanol

Assessment Window: Assessments for Northwest Europe benzene, toluene, styrene, paraxylene, mixed xylenes, orthoxylene, and methanol are based on the latest information from the market up to the close of the daily assessment window at 4:30 pm London time.

Timing: Assessments reflect material for loading or delivery in a rolling 5-30 day window from the date of publication and are assessed daily. A weekly average of the daily assessments for these products is also published on Fridays or the last working day of the week.

Platts publishes Europe benzene, toluene, mixed xylenes, paraxylene, methanol and styrene assessments for loading or delivery within the current month (M1) and second month (M2). M1 and M2 assessments are based on material trading for loading or delivery any time during the specified month.

Platts also publishes assessments for benzene which reflect monthly forward physical delivery within the third (M3), fourth (M4) and fifth (M5) months.

All assessments roll forward five London working days prior to the first working day of the next month. For example, in April 2021 the M1 price reflects material delivered any time in April. On April 26, the assessment laycan rolls and May becomes the prompt month (M1).

Assessments reflect T2 (duty paid for European-qualified) material.

Aromatics MOC assessment process guidelines:

Platts publishes bids, offers and intentions to trade for European benzene and paraxylene which reflect half-month, balance-of-the-month and full calendar month delivery or loading dates only, in line with standard market practice.

Orders with loading/delivery dates stretching over more than one month are not considered for benzene, mixed xylenes, paraxylene and toluene due to their restrictive nature.

Participants should allow at least five clear calendar days nomination period.

Toluene and mixed xylenes MOC

Quantity: Platts reflects bids, offers and intentions to trade for parcels in a 2,000-5,000 mt range delivered CIF ARA. The specific quantity should be stated in the bid/offer.

Delivery periods: Platts publishes bids, offers and intentions to trade for balance of month and full calendar month delivery periods. Participants should allow at least five clear calendar days nomination period.

Delivery nomination: Platts publishes bids, offers and intentions to trade whereby sellers will narrow the delivery window post-trade, subject to mutual agreement with the buyer. At least five calendar days prior to the narrowed delivery window, sellers will nominate performing vessel and narrow the window to ten days for coasters or larger vessels, and to five days for barges. For balance month trades with reduced laycans, nominations will be made promptly following the trade.

Vessel terms: Platts publishes bids, offers and intentions to trade in which laytime and demurrage are capped at the level of a 10,000 dwt vessel. Counterparties agree to demurrage either as per charterparty agreement or at the market rate of a 10,000 dwt vessel, whichever is lowest.

Benzene

Basis and Location: Spot prices are assessed daily in \$/mt CIF ARA.

The physical forward curve assessments, reflecting M1, M2, M3, M4 and M5, are in \$/mt CIF ARA.

Additionally, Platts publishes an industry-settled monthly contract price in Eur/mt and \$/mt CIF ARA. The \$/mt price is based on the European Central Bank euro daily reference rate of the day prior to the date of settlement to convert to dollars, as agreed between contract counterparties.

The monthly contract price is updated at the start of the settlement month, once Platts has obtained information that two independent buyers and two independent sellers have agreed the same price. In the event that there is more than one price settlement, Platts generally publishes an average of these price settlements, as per industry convention. If a full settlement is not reached, Platts will not publish a monthly contract price.

Platts Benzene CIF ARA CP Indicator is published daily in \$/mt and reflects calculated net contract prices for the month ahead. Platts uses a simple rolling five-day average of the assessment for benzene delivered in the month ahead to calculate an indicative front month contract price. Specifically, Platts uses the M2 CIF ARA benzene price [AAOQR00] in its calculations with the exception of the last five London working days of the month when the contract price indicator is calculated on the basis of M1 CIF ARA benzene [AAOQQ00]. This reflects the time at which the M1 assessment rolls from the existing month to the following month.

Standard Cargo Size: 1,000mt.

Product Specifications: Product must conform to ASTM D-2359 latest edition.

Toluene

Basis and Location: Spot prices are assessed daily in \$/mt CIF ARA and FOB ARA for TDI grade. FOB prices are assessed at parity with CIF values.

Platts also publishes daily M1 and M2 CIF ARA spreads to

corresponding Eurobob FOB AR gasoline swaps. The Eurobob FOB AR gasoline balance-of-month swap, ABWFB00, is used for the M1 CIF ARA toluene assessment calculation, up to and including the 20th of each month. From the 21st of each month, when ABWFB00 is no longer published, until five London working days prior to month-end, Eurobob balance-of-month value for the purposes of Platts M1 toluene assessments is based on the front-month Eurobob FOB AR barge gasoline swap [ABWFC00] and a time spread. The Eurobob FOB AR gasoline front-month swap, ABWFC00, is used for the M2 CIF ARA toluene assessments through to month roll (see table).

| Toluene laycan | Assessment dates | Corresponding Eurobob FOB AR swap |
|----------------|---|--|
| | 1st-20th of month | Balance of month (ABWFB00) |
| M1 (TLEAB00) | 21st of month to month roll 5 working days prior to month end | Indicative balance of month Front month (ABWFC00) |
| M2 (TLEAC00) | 1st of the month to month roll 5 working days prior to month end | Front month (ABWFC00) Second month (ABWFD00) |

Standard Cargo Size: 2,000-5,000mt.

Product Specifications: Product must conform to ASTM D-5606 latest edition, with a minimum purity of 99.9%.

(See appendix for full TDI-grade toluene specifications)

Paraxylene

Basis and Location: Spot prices are assessed daily in \$/mt FOB ARA.

Additionally, Platts publishes an industry-settled monthly contract price in Eur/mt FD NWE. The monthly contract price is updated when available, once Platts has sufficient information about industry-settled contract prices. In the case of a full settlement, which is defined as a settlement at the same

level between at least two independent buyers and at least two independent sellers, a single value will be published. If there is no full settlement, Platts will publish the range of all settlements representing the lowest settlement and the highest settlement heard from market participants, with an average of these price settlements, as per industry convention. In the event that only one settlement is reported in the market, and corroborated by a sufficient number of market participants, this settlement may be taken as the low, high and average.

Standard Cargo Size: 1,000mt.

Product Specifications: Minimum purity of 99.7%.

Orthoxylene

Basis and Location: Spot prices are assessed daily in \$/mt FOB ARA.

Additionally, Platts publishes an industry-settled monthly contract price in Eur/mt FD NWE. The monthly contract price is updated when available, once Platts has sufficient information about industry-settled contract prices. In the case of a full settlement, which is defined as a settlement at the same level between at least two independent buyers and at least two independent sellers, a single value will be published. If there is no full settlement, Platts will publish the range of all settlements representing the lowest settlement and the highest settlement heard from market participants, with an average of these price settlements, as per industry convention. In the event that only one settlement is reported in the market, and corroborated by a sufficient number of market participants, this settlement may be taken as the low, high and average.

Standard Cargo Size: 1,000mt.

Product Specifications: Minimum purity of 98% and a maximum 0.3% non-aromatics content.

Mixed Xylenes

Basis and Location: Spot prices are assessed daily in \$/mt CIF ARA and FOB ARA. FOB prices are assessed at parity with CIF values.

Platts also publishes daily M1 and M2 CIF ARA spreads to corresponding Eurobob FOB AR gasoline swaps. The Eurobob FOB AR gasoline balance-of-month swap, ABWFB00, is used for the M1 CIF ARA MX assessment calculation, up to and including the 20th of each month. From the 21st of each month, when ABWFB00 is no longer published, until 5 London working days prior to month-end, Eurobob balance-of-month value for the purposes of Platts M1 MX assessments is based on the front-month Eurobob FOB AR barge gasoline swap [ABWFC00] and a time spread. The Eurobob FOB AR gasoline front-month swap, ABWFC00, is used for the M2 CIF ARA MX assessments through to month roll (see table).

| Toluene laycan | Assessment dates | Corresponding Eurobob FOB AR swap |
|----------------|-----------------------------------|-----------------------------------|
| M1 (TLEAB00) | 1st-20th of month | Balance of month (ABWFB00) |
| | 21st of month to month roll | Indicative balance of month |
| | 5 working days prior to month end | Front month (ABWFC00) |
| M2 (TLEAC00) | 1st of the month to month roll | Front month (ABWFC00) |
| | 5 working days prior to month end | Second month (ABWFD00) |

Standard Cargo Size: 2,000-5,000mt.

Product Specifications: Product conforming to the latest edition of ASTM D-843, with one or more isomers removed; the non-aromatics content set at maximum 3% and the maximum ethylbenzene content at 20%. There are no limits on metaxylene, paraxylene and orthoxylene content.

(See appendix for full MX specifications)

Styrene

Basis and Location: Spot prices are assessed daily in \$/mt FOB ARA.

Standard Cargo Size: 1,000mt.

Product Specification: Product must conform to ASTM D-2827 latest edition, with a minimum purity of 99.7%.

Methanol

Basis and Location: Spot prices are assessed daily in Eur/mt FOB Rotterdam.

The physical forward curve assessments, reflecting M1 and M2, are in Eur/mt FOB Rotterdam.

Additionally, Platts publishes an industry-settled quarterly contract price in Eur/mt FOB Rotterdam. The quarterly contract price is updated at the start of the settlement quarter, once Platts has information that two independent buyers and two independent sellers have agreed the same price. In the event that there is more than one price settlement, Platts generally publishes an average of these price settlements, as per industry convention. If a full settlement is not reached, Platts will not publish a quarterly contract price.

Standard Cargo Size: 1,000mt.

Product Specification: Product must conform to the International Methanol Producers and Consumers Association (IMPCA) Reference Specification with a minimum purity of 99.85%, maximum water content of 0.1% by weight and maximum ethanol content of 50 mg/kg.

Methanol Bunker Fuel

| Assessment | Currency | Code | Mavg | Wavg | Type | Basis | Location | Delivery Period | Min Size | Max Size | Uom | Page | Mavg | Wavg |
|---------------------------------------|----------|-------------------------|-------------------------|-------------------------|------|-----------|-----------|---|----------|----------|-----|------------------------|-------------------------|-------------------------|
| Methanol Bunker Fuel Rotterdam | USD | MLBRT00 | MLBRT03 | MLBRT04 | Spot | Delivered | Rotterdam | 5-30 days forward, mirroring the methanol FOB Rotterdam assessment laycan | 300 | 1000 | MT | PC1159 | PCA0198 | PCA0199 |
| Methanol Bunker Rotterdam (Oil) \$/mt | USD | MLBRO00 | MLBRO03 | MLBRO04 | Spot | Delivered | Rotterdam | 5-30 days forward, mirroring the methanol FOB Rotterdam assessment laycan | 300 | 1000 | MT | PC1159 | PCA0198 | PCA0199 |
| Methanol Bunker Rotterdam (LNG) \$/mt | USD | MLBRL00 | MLBRL03 | MLBRL04 | Spot | Delivered | Rotterdam | 5-30 days forward, mirroring the methanol FOB Rotterdam assessment laycan | 300 | 1000 | MT | PC1159 | PCA0198 | PCA0199 |

Methanol bunker fuel

Platts assesses the prevailing tradeable value of methanol delivered to ships for marine fuel.

The assessment reflects the value of spot methanol delivered from terminal to a receiving vessel via barge and is calculated by applying a logistics cost differential to the methanol FOB Rotterdam spot price assessment converted to \$/mt (HPACQ10).

Assessment Window: Assessments are based on the latest information from the market up to the close of the daily assessment process at 4:30 pm London time.

Timing: Assessment timing mirrors the underlying methanol FOB Rotterdam assessment, which reflects a 5-30 day forward laycan.

Basis and Location: Spot prices are assessed daily in \$/mt delivered Rotterdam.

Standard Cargo Size: Typical sizes vary but are generally between 300 to 1,000 mt.

Product Specification: Product must conform to the International Methanol Producers and Consumers Association (IMPCA) reference specification with a minimum purity of 99.85%, maximum water content of 0.1% by weight and maximum ethanol content of 50 mg/kg.

Methanol bunker fuel energy content equivalents

Platts converts its methanol bunker fuel delivered Rotterdam assessment to the equivalent energy content of LNG and fuel oil, enabling comparison with other marine fuels.

The daily conversions use the following factors and calculations to convert the methanol price from metric tons:

- **Methanol bunker fuel value as LNG equivalent:** 52 GJ/mt for LNG, 21.5 GJ/mt for methanol; $[MLBRT00]*52/21.5$

Methanol bunker fuel value as marine fuel oil equivalent: 41 GJ/mt for marine fuel oil, 21.5 GJ/mt for methanol; $[MLBRT00]*41/21.5$

Platts also publishes daily calculations in \$/gigajoule for methanol bunker fuel, LNG, marine fuel oil and marine gasoil assessments, expressing price by calorific value. The comparisons and conversion factors can be found in Platts Global Bunker Fuels specifications guide here: https://www.spglobal.com/platts/plattscontent/_assets/_files/en/our-methodology/methodology-specifications/global-bunker-fuels.pdf

Gasoline Components

| Assessment | Currency | Code | Mavg | Wavg | Type | Basis | Location | Delivery Period | Min Size | Max Size | Uom | Conv* | Page | Mavg | Wavg |
|--|-----------|---------|---------|---------|------|-------|----------|--------------------------------|----------|----------|-----|-------|--------|--------|--------|
| MTBE | | | | | | | | | | | | | | | |
| MTBE FOB ARA | USD | PHALA00 | PHBFZ03 | PHALA04 | Spot | FOB | ARA | 3-15 days or 5-15 days forward | 1000 | 1000 | MT | 8.45 | PC0318 | PC0432 | PC0432 |
| MTBE FOB ARA (cents/gal) | USD cents | AAWLE00 | | | Spot | FOB | ARA | 3-15 days or 5-15 days forward | 3550 | 3550 | Gal | | PC0318 | | |
| MTBE FOB ARA factor | | PHALA02 | PHALA03 | PHALA14 | Spot | FOB | ARA | | | | | | PC0318 | PC0444 | PC0432 |
| MTBE FOB ARA spread to EBOB FOB AR M1 swap | USD | MTPRA00 | MTPRA03 | MTPRA04 | Spot | FOB | ARA | | | | MT | | PC0318 | PC0444 | PC0432 |
| ETBE | | | | | | | | | | | | | | | |
| ETBE FOB AR | USD | AASLQ00 | AASLQ03 | AASLQ01 | Spot | FOB | AR | 3-15 days or 5-15 days forward | 1000 | 1000 | MT | 8.42 | PB1420 | PB1422 | PB1011 |
| ETBE Spread FOB AR | USD | AASLQ02 | AASLQ13 | AASLQ04 | Spot | FOB | AR | 3-15 days or 5-15 days forward | 1000 | 1000 | MT | | PB1420 | | PB1011 |
| Raffinate -1 | | | | | | | | | | | | | | | |
| Raffinate -1 CIF NWE Weekly | USD | PHAFY00 | PHBCU03 | | Spot | CIF | NWE | 3-30 days forward | 1000 | 1000 | MT | | PC0316 | | |
| Raffinate -1 CIF NWE Factor Weekly | | PHAFY02 | | | Spot | CIF | NWE | 3-30 days forward | 1000 | 1000 | MT | | PC0316 | | |

*Conversion rate from \$/mt to \$/b.

Gasoline components

MTBE

Assessment Window: Assessments are based on the latest information from the market up to the close of the daily assessment window at 4:30 pm London time. The MTBE Market-on-Close assessment process is facilitated through the eWindow communication tool. For further details please consult the Chemicals timing and increment guidelines at <https://www.spglobal.com/platts/en/our-methodology/methodology-specifications/petrochemicals/petrochemicals-timing-and-increment-guidelines>.

Timing: MTBE assessments reflect material loading in a rolling 3-15 (Monday-Tuesday) or 5-15 (Wednesday through Friday) days forward window from the date of publication.

Participants should allow at least 48 hours nomination period.

Basis and Location: Spot prices are assessed daily in \$/mt FOB ARA and reflect T2 (duty paid for European-qualified) material.

Standard cargo size: 1,000mt.

Product Specifications: Minimum purity of 98%, maximum water content of 1,000 ppm and maximum methanol content of 1.5% of the total weight.

Conversion rate: A factor of 8.45 is used to convert the \$/mt value to \$/b.

MTBE factor: The MTBE to gasoline factor expresses the ratio between the daily MTBE assessment basis FOB ARA and the daily Eurobob FOB AR spot assessment [AAQZV00].

MTBE spread: The MTBE to gasoline spread expresses the differential between the daily MTBE assessment basis FOB ARA and the daily Eurobob FOB AR front-month financial derivative [ABWFC00].

Platts considers all relevant market information when assessing MTBE, including outright indications, the MTBE factor, MTBE spread and relationships to adjacent markets.

ETBE

Assessment Window: Assessments are based on the latest information from the market up to the close of the daily assessment window at 4:30 pm London time. The ETBE Market-on-Close assessment process is facilitated through the eWindow communication tool. For further details please consult the Chemicals timing and increment guidelines at <https://www.spglobal.com/platts/en/our-methodology/methodology-specifications/petrochemicals/petrochemicals-timing-and-increment-guidelines>.

Timing: ETBE assessments reflect material loading in a rolling 3-15 (Monday-Tuesday) or 5-15 (Wednesday through Friday) days forward window from the date of publication.

Participants should allow at least 48 hours nomination period.

Basis and Location: Spot prices are assessed daily in \$/mt FOB AR and reflect T2 (duty paid for European-qualified) material.

Standard cargo size: 1,000mt.

Product Specifications: Bids, offers and trades in the Platts MOC reflect the value of 100% ETBE purity while the purity on loading is minimum 90% ETBE and minimum 95% ethers. Percentage price adjustments for purity post trade are based on the following formula: ETBE FOB AR flat price [AASLQ00] = MTBE FOB ARA [PHALA00] + (ETBE premium [AASLQ02] x % purity). Due to the differing ETBE purity in tanks ahead of loading, price adjustments for purity are based on the ETBE formula at the time of load, and not at the time of trade.

Conversion rate: A factor of 8.42 is used to convert the \$/mt value to \$/b.

ETBE spread: The ETBE to MTBE spread expresses the differential between the daily ETBE assessment basis FOB AR and the daily MTBE FOB ARA assessment.

Sustainability Criteria: ETBE assessments reflect material

with sustainability documentation showing a maximum carbon intensity, or CI, of 41.90 grams of CO₂ equivalent per megajoule of energy, based on the prevailing fossil fuel comparator under EU Renewable Energy Directive (RED) requirements. As of January 2021, the fossil fuel comparator per the RED I framework is 83.8g CO₂e/MJ.

The seller shall provide proof of sustainability documentation obtained in the framework of voluntary schemes approved by the European Commission within 30 calendar days from barge loading and the buyer holds a right to audit the sustainability documentation for the sole purpose of determining the validity and veracity of these documents.

Raffinate – 1

Assessment Window: Assessments are based on the latest information from the market up to the close of the assessment

window at 4:30 pm London time Friday or last working day of the week in case of holidays.

Timing: Assessments reflect material for delivery 3-30 days forward from the date of publication.

Basis and Location: Spot prices are assessed weekly in \$/mt CIF NWE.

Standard cargo size: 1,000mt.

Product Specifications: For product with a minimum isobutene content of 35%.

Raffinate-1 factor: The factor expresses the ratio between the weekly assessment of raffinate-1 basis CIF NWE and the physical naphtha assessment basis CIF NWE [PAAAL00] on the same day.

Polymers

| Assessment | Currency | Code | Mavg | Wavg | Type | Basis | Location | Delivery Period | Min Size (Mt) | Max Size | Uom | Page | Mavg | Wavg |
|-------------------------------------|----------|---------|---------|---------|----------|-------|------------------|--------------------|---------------|-----------|-----|--------|--------|------|
| Polyethylene | | | | | | | | | | | | | | |
| HDPE B/Mldg CFR North Africa Weekly | USD | AAVWI00 | AAVWS00 | | Spot | CFR | North Africa | 15-45 days forward | 100 | 500 | MT | PC0239 | | |
| HDPE B/Mldg CFR West Africa | USD | ABAAI04 | ABAAI03 | | Spot | CFR | West Africa | 15-45 days forward | 100 | 500 | MT | PC0239 | | |
| HDPE B/Mldg CFR Turkey Weekly | USD | AAWX000 | AAWX003 | | Spot | CFR | Mediterranean | 3-30 days forward | | | MT | PC0239 | | |
| HDPE B/Mldg FCA Antwerp Spot Daily | EUR | AAVKE00 | AAVKE03 | AAVKE04 | Spot | FCA | Northwest Europe | 3-30 days forward | 25 | 100 | MT | PC0239 | | |
| HDPE B/Mldg FD UK CP Weekly | GBP | PHAMI00 | PHBEG03 | | Contract | FD | Northwest Europe | Current month | 3000/year | 6000/year | MT | PC0240 | PC0443 | |
| HDPE B/Mldg FD NWE CP Weekly | USD | PHAHH00 | PHBBD03 | | Contract | FD | Northwest Europe | Current month | 3000/year | 6000/year | MT | PC0263 | | |
| HDPE B/Mldg FD NWE Spot Daily | EUR | AALUF00 | AALUG00 | AALUF04 | Spot | FD | Northwest Europe | 3-30 days forward | 25 | 100 | MT | PC0239 | | |
| HDPE B/Mldg FOB NWE Weekly | USD | PHAHI00 | PHBBE03 | | Spot | FOB | Northwest Europe | 3-30 days forward | 300 | | MT | PC0239 | | |
| HDPE B/Mldg FD France CP Weekly | EUR | HPAMH00 | HPBEF03 | | Contract | FD | Northwest Europe | Current month | 3000/year | 6000/year | MT | PC0240 | PC0443 | |
| HDPE B/Mldg FD Germany CP Weekly | EUR | HPAME00 | HPBEC03 | | Contract | FD | Northwest Europe | Current month | 3000/year | 6000/year | MT | PC0240 | PC0443 | |
| HDPE B/Mldg FD Holland CP Weekly | EUR | HPAMF00 | HPBED03 | | Contract | FD | Northwest Europe | Current month | 3000/year | 6000/year | MT | PC0240 | PC0443 | |
| HDPE B/Mldg FD Italy CP Weekly | EUR | HPAMG00 | HPBEE03 | | Contract | FD | Mediterranean | Current month | 3000/year | 6000/year | MT | PC0240 | PC0443 | |
| HDPE B/Mldg FD Spain CP Weekly | EUR | HPAWE04 | HPAWF03 | | Contract | FD | Mediterranean | Current month | 3000/year | 6000/year | MT | PC0240 | PC0443 | |
| HDPE Film CFR North Africa Weekly | USD | AAVWH00 | AAVWH03 | | Spot | CFR | North Africa | 15-45 days forward | 100 | 500 | MT | PC0239 | | |
| HDPE Film CFR West Africa Weekly | USD | ABAAK04 | ABAAK03 | | Spot | CFR | West Africa | 15-45 days forward | 100 | 500 | MT | PC0239 | | |
| HDPE Film CFR Turkey Weekly | USD | AAWXP00 | AAWXP03 | | Spot | CFR | Mediterranean | 3-30 days forward | | | MT | PC0239 | | |
| HDPE Film FCA Antwerp Spot Daily | EUR | AAVKF00 | AAVKF03 | AAVKF04 | Spot | FCA | Northwest Europe | 3-30 days forward | 25 | 100 | MT | PC0239 | | |
| HDPE Film FD UK CP Weekly | GBP | PHAVL00 | PHAVM03 | | Contract | FD | Northwest Europe | Current month | 3000/year | 6000/year | MT | PC0240 | PC0443 | |
| HDPE Film FD NWE CP Weekly | USD | PHAVD00 | PHAVE03 | | Contract | FD | Northwest Europe | Current month | 3000/year | 6000/year | MT | PC0263 | | |
| HDPE Film FD NWE Spot Daily | EUR | AALUH00 | AALUI00 | AALUH04 | Spot | FD | Northwest Europe | 3-30 days forward | 25 | 100 | MT | PC0239 | | |
| HDPE Film FOB NWE Weekly | USD | PHAVB00 | PHAVC03 | | Spot | FOB | Northwest Europe | 3-30 days forward | 300 | | MT | PC0239 | | |
| HDPE Film FD France CP Weekly | EUR | HPAVN00 | HPAVO03 | | Contract | FD | Northwest Europe | Current month | 3000/year | 6000/year | MT | PC0240 | PC0443 | |
| HDPE Film FD Germany CP Weekly | EUR | HPAVF00 | HPAVG03 | | Contract | FD | Northwest Europe | Current month | 3000/year | 6000/year | MT | PC0240 | PC0443 | |
| HDPE Film FD Holland CP Weekly | EUR | HPAVH00 | HPAVI03 | | Contract | FD | Northwest Europe | Current month | 3000/year | 6000/year | MT | PC0240 | PC0443 | |
| HDPE Film FD Italy CP Weekly | EUR | HPAVJ00 | HPAVK03 | | Contract | FD | Mediterranean | Current month | 3000/year | 6000/year | MT | PC0240 | PC0443 | |
| HDPE Film FD Spain CP Weekly | EUR | HPAWG04 | HPAWH03 | | Contract | FD | Mediterranean | Current month | 3000/year | 6000/year | MT | PC0240 | PC0443 | |
| HDPE HMW 2-5 FD UK CP Weekly | GBP | AAVJV00 | AAVJV03 | | Contract | FD | Northwest Europe | Current month | 3000/year | 6000/year | MT | PC0240 | PC0443 | |
| HDPE HMW 2-5 FD France CP Weekly | EUR | AAVJU00 | AAVJU03 | | Contract | FD | Northwest Europe | Current month | 3000/year | 6000/year | MT | PC0240 | PC0443 | |
| HDPE HMW 2-5 FD Germany CP Weekly | EUR | AAVJR00 | AAVJR03 | | Contract | FD | Northwest Europe | Current month | 3000/year | 6000/year | MT | PC0240 | PC0443 | |
| HDPE HMW 2-5 FD Holland CP Weekly | EUR | AAVJS00 | AAVJS03 | | Contract | FD | Northwest Europe | Current month | 3000/year | 6000/year | MT | PC0240 | PC0443 | |
| HDPE HMW 2-5 FD Italy CP Weekly | EUR | AAVJW00 | AAVJW03 | | Contract | FD | Mediterranean | Current month | 3000/year | 6000/year | MT | PC0240 | PC0443 | |
| HDPE HMW 2-5 FD NWE CP Weekly | USD | AAVJT00 | AAVJT03 | | Contract | FD | Northwest Europe | Current month | 3000/year | 6000/year | MT | PC0263 | | |
| HDPE HMW 2-5 FD Spain CP Weekly | EUR | AAVJZ00 | AAVJZ03 | | Contract | FD | Mediterranean | Current month | 3000/year | 6000/year | MT | PC0240 | PC0443 | |
| HDPE HMW 5-10 FD UK CP Weekly | GBP | AAVPE00 | AAVPE03 | | Contract | FD | Northwest Europe | Current month | 3000/year | 6000/year | MT | PC0240 | PC0443 | |
| HDPE HMW 5-10 FD France CP Weekly | EUR | AAVPD00 | AAVPD03 | | Contract | FD | Northwest Europe | Current month | 3000/year | 6000/year | MT | PC0240 | PC0443 | |
| HDPE HMW 5-10 FD Germany CP Weekly | EUR | AAVPA00 | AAVPA03 | | Contract | FD | Northwest Europe | Current month | 3000/year | 6000/year | MT | PC0240 | PC0443 | |

Polymers

| Assessment | Currency | Code | Mavg | Wavg | Type | Basis | Location | Delivery Period | Min Size (Mt) | Max Size | Uom | Page | Mavg | Wavg |
|-------------------------------------|----------|---------|---------|---------|----------|-------|------------------|--------------------|---------------|-----------|-----|--------|--------|--------|
| HDPE HMW 5-10 FD Holland CP Weekly | EUR | AAVPB00 | AAVPB03 | | Contract | FD | Northwest Europe | Current month | 3000/year | 6000/year | MT | PC0240 | PC0443 | |
| HDPE HMW 5-10 FD Italy CP Weekly | EUR | AAVPF00 | AAVPF03 | | Contract | FD | Mediterranean | Current month | 3000/year | 6000/year | MT | PC0240 | PC0443 | |
| HDPE HMW 5-10 FD NWE CP Weekly | USD | AAVPC00 | AAVPC03 | | Contract | FD | Northwest Europe | Current month | 3000/year | 6000/year | MT | PC0263 | | |
| HDPE HMW 5-10 FD Spain CP Weekly | EUR | AAVPG00 | AAVPG03 | | Contract | FD | Mediterranean | Current month | 3000/year | 6000/year | MT | PC0240 | PC0443 | |
| HDPE Inj CFR North Africa Weekly | USD | AAVWG00 | AAVWG03 | | Spot | CFR | North Africa | 15-45 days forward | 100 | 500 | MT | PC0239 | | |
| HDPE Inj CFR West Africa Weekly | USD | ABAAJ04 | ABAAJ03 | | Spot | CFR | West Africa | 15-45 days forward | 100 | 500 | MT | PC0239 | | |
| HDPE Inj CFR Turkey Weekly | USD | AAWXN00 | AAWXN03 | | Spot | CFR | Mediterranean | 3-30 days forward | | | MT | PC0239 | | |
| HDPE Inj FCA Antwerp Spot Daily | EUR | AAVKD00 | AAVKD03 | AAVKD04 | Spot | FCA | Northwest Europe | 3-30 days forward | 25 | 100 | MT | PC0239 | | |
| HDPE Inj FD UK CP Weekly | GBP | PHAMN00 | PHBEB03 | | Contract | FD | Northwest Europe | Current month | 3000/year | 6000/year | MT | PC0240 | PC0443 | |
| HDPE Inj FD NWE CP Weekly | USD | PHAHL00 | PHBAY03 | | Contract | FD | Northwest Europe | Current month | 3000/year | 6000/year | MT | PC0263 | | |
| HDPE Inj FD NWE Spot Daily | EUR | AALUD00 | AALUE00 | AALUD04 | Spot | FD | Northwest Europe | 3-30 days forward | 25 | 100 | MT | PC0239 | | |
| HDPE Inj FOB NWE Weekly | USD | PHAHM00 | PHBAZ03 | | Spot | FOB | Northwest Europe | 3-30 days forward | 300 | | MT | PC0239 | | |
| HDPE Inj FD France CP Weekly | EUR | HPAMM00 | HPBEA03 | | Contract | FD | Northwest Europe | Current month | 3000/year | 6000/year | MT | PC0240 | PC0443 | |
| HDPE Inj FD Germany CP Weekly | EUR | HPAMJ00 | HPBDX03 | | Contract | FD | Northwest Europe | Current month | 3000/year | 6000/year | MT | PC0240 | PC0443 | |
| HDPE Inj FD Holland CP Weekly | EUR | HPAMK00 | HPBDY03 | | Contract | FD | Northwest Europe | Current month | 3000/year | 6000/year | MT | PC0240 | PC0443 | |
| HDPE Inj FD Italy CP Weekly | EUR | HPAML00 | HPBDZ03 | | Contract | FD | Mediterranean | Current month | 3000/year | 6000/year | MT | PC0240 | PC0443 | |
| HDPE Inj FD Spain CP Weekly | EUR | HPAWC04 | HPAWD03 | | Contract | FD | Mediterranean | Current month | 3000/year | 6000/year | MT | PC0240 | PC0443 | |
| LLDPE Metallocene C6 FD NWE Weekly | EUR | AAQCZ00 | AAQCZ03 | | Spot | FD | Northwest Europe | 3-30 days forward | 25 | 100 | MT | PC268 | | |
| LLDPE Standard C6 FD NWE Weekly | EUR | AAQCY00 | AAQCY03 | | Spot | FD | Northwest Europe | 3-30 days forward | 25 | 100 | MT | PC268 | | |
| LLDPE G-P CFR Turkey Weekly | USD | AAWXM00 | AAWXM03 | | Spot | CFR | Mediterranean | 3-30 days forward | | | MT | PC0268 | | |
| LLDPE C6 Blown FD NWE CP Weekly | EUR | AAQCB00 | AAQCB03 | | Contract | FD | Northwest Europe | Current month | 3000/year | 6000/year | MT | PC0240 | | |
| LLDPE C6 CSF FD NWE CP Weekly | EUR | AAQCC00 | AAQCC03 | | Contract | FD | Northwest Europe | Current month | 3000/year | 6000/year | MT | PC0240 | | |
| LLDPE G-P CFR North Africa Weekly | USD | AAVWF00 | AAVWF03 | | Spot | CFR | North Africa | 15-45 days forward | 100 | 500 | MT | PC0239 | | |
| LLDPE Butene CFR West Africa Weekly | USD | ABAAH04 | ABAAH03 | | Spot | CFR | West Africa | 15-45 days forward | 100 | 500 | MT | PC0239 | | |
| LLDPE CSF FD UK CP Weekly | GBP | AAPFS00 | AAPFS03 | | Contract | FD | Northwest Europe | Current month | 3000/year | 6000/year | MT | PC0240 | PC0443 | |
| LLDPE CSF FD France CP Weekly | EUR | AAPFQ00 | AAPFQ03 | | Contract | FD | Northwest Europe | Current month | 3000/year | 6000/year | MT | PC0240 | PC0443 | |
| LLDPE CSF FD Germany CP Weekly | EUR | AAPFN00 | AAPFN03 | | Contract | FD | Northwest Europe | Current month | 3000/year | 6000/year | MT | PC0240 | PC0443 | |
| LLDPE CSF FD Holland CP Weekly | EUR | AAPF000 | AAPF003 | | Contract | FD | Northwest Europe | Current month | 3000/year | 6000/year | MT | PC0240 | PC0443 | |
| LLDPE CSF FD Italy CP Weekly | EUR | AAPFP00 | AAPFP03 | | Contract | FD | Mediterranean | Current month | 3000/year | 6000/year | MT | PC0240 | PC0443 | |
| LLDPE CSF FD NWE CP Weekly | USD | AAPFM00 | AAPFM03 | | Contract | FD | Northwest Europe | Current month | 3000/year | 6000/year | MT | PC0268 | | |
| LLDPE CSF FD Spain CP Weekly | EUR | AAPFR00 | AAPFR03 | | Contract | FD | Mediterranean | Current month | 3000/year | 6000/year | MT | PC0240 | PC0443 | |
| LLDPE G-P FD NWE CP Weekly | USD | PHAGY00 | PHBAU03 | | Contract | FD | Northwest Europe | Current month | 3000/year | 6000/year | MT | PC0263 | | |
| LLDPE G-P FD UK CP Weekly | GBP | PHAMD00 | PHBDW03 | | Contract | FD | Northwest Europe | Current month | 3000/year | 6000/year | MT | PC0240 | PC0443 | |
| LLDPE G-P FCA Antwerp | EUR | AAVKA00 | AAVKA03 | AAVKA04 | Spot | FCA | Northwest Europe | 3-30 days forward | 25 | 100 | MT | PC571 | | PC0573 |
| LLDPE G-P FD France CP Weekly | EUR | HPAMC00 | HPBDV03 | | Contract | FD | Northwest Europe | Current month | 3000/year | 6000/year | MT | PC0240 | PC0443 | |
| LLDPE G-P FD NWE Spot | EUR | AALUL00 | AALUM00 | AAQNR00 | Spot | FD | Northwest Europe | 3-30 days forward | 25 | 100 | MT | PC571 | | PC0573 |
| LLDPE G-P FD Germany CP Weekly | EUR | HPALZ00 | HPBDS03 | | Contract | FD | Northwest Europe | Current month | 3000/year | 6000/year | MT | PC0240 | PC0443 | |

Polymers

| Assessment | Currency | Code | Mavg | Wavg | Type | Basis | Location | Delivery Period | Min Size (Mt) | Max Size | Uom | Page | Mavg | Wavg |
|----------------------------------|----------|---------|---------|---------|----------|-------|------------------|--------------------|---------------|-----------|-----|--------|--------|--------|
| LLDPE G-P FD Holland CP Weekly | EUR | HPAMA00 | HPBDT03 | | Contract | FD | Northwest Europe | Current month | 3000/year | 6000/year | MT | PC0240 | PC0443 | |
| LLDPE G-P FD Italy CP Weekly | EUR | HPAMB00 | HPBDU03 | | Contract | FD | Mediterranean | Current month | 3000/year | 6000/year | MT | PC0240 | PC0443 | |
| LLDPE G-P Spain CP Weekly | EUR | HPAWA04 | HPAWB03 | | Contract | FD | Mediterranean | Current month | 3000/year | 6000/year | MT | PC0240 | PC0443 | |
| LDPE G-P CFR North Africa Weekly | USD | AAVWE00 | AAVWE03 | | Spot | CFR | North Africa | 15-45 days forward | 100 | 500 | MT | PC0239 | | |
| LDPE G-P CFR West Africa Weekly | USD | ABAAG04 | ABAAG03 | | Spot | CFR | West Africa | 15-45 days forward | 100 | 500 | MT | PC0239 | | PC0573 |
| LDPE G-P FCA Antwerp | EUR | AAVKB00 | AAVKB03 | AAVKB04 | Spot | FCA | Northwest Europe | 3-30 days forward | 25 | 100 | MT | PC571 | | PC0573 |
| LDPE G-P FD NWE Spot | EUR | AALUJ00 | AALUK00 | AAQNQ00 | Spot | FD | Northwest Europe | 3-30 days forward | 25 | 100 | MT | PC571 | | |
| LDPE G-P CFR Turkey Weekly | USD | AAWL00 | AAWL03 | | Spot | CFR | Mediterranean | 3-30 days forward | | | MT | PC0239 | PC0443 | |
| LDPE G-P FD UK CP Weekly | GBP | PHALY00 | PHBDR03 | | Contract | FD | Northwest Europe | Current month | 3000/year | 6000/year | MT | PC0240 | | |
| LDPE G-P FD NWE CP Weekly | USD | PHAHR00 | PHBAP03 | | Contract | FD | Northwest Europe | Current month | 3000/year | 6000/year | MT | PC0263 | PC0443 | |
| LDPE G-P FD Spain CP Weekly | EUR | HPAVY04 | HPAVZ03 | | Contract | FD | Mediterranean | Current month | 3000/year | 6000/year | MT | PC0240 | | |
| LDPE G-P FOB NWE Spot Weekly | USD | PHAHS00 | PHBAQ03 | | Spot | FOB | Northwest Europe | 3-30 days forward | 300 | | MT | PC0239 | PC0443 | |
| LDPE G-P FD France CP Weekly | EUR | HPALX00 | HPBDQ03 | | Contract | FD | Northwest Europe | Current month | 3000/year | 6000/year | MT | PC0240 | PC0443 | |
| LDPE G-P FD Germany CP Weekly | EUR | HPALU00 | HPBDN03 | | Contract | FD | Northwest Europe | Current month | 3000/year | 6000/year | MT | PC0240 | PC0443 | |
| LDPE G-P FD Holland CP Weekly | EUR | HPALV00 | HPBDQ03 | | Contract | FD | Northwest Europe | Current month | 3000/year | 6000/year | MT | PC0240 | PC0443 | |
| LDPE FD G-P Italy CP Weekly | EUR | HPALW00 | HPBDP03 | | Contract | FD | Mediterranean | Current month | 3000/year | 6000/year | MT | PC0240 | | |
| LLDPE C6 CSF FD NWE CP Weekly | USD | AAQCC10 | AAQCC13 | | Contract | FD | Northwest Europe | Current month | 3000/year | 6000/year | MT | PC0268 | | |
| LLDPE C6 Blown FD NWE CP Weekly | USD | AAQCB10 | AAQCB13 | | Contract | FD | Northwest Europe | Current month | 3000/year | 6000/year | MT | PC0268 | | |

Polypropylene

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|-------------------------------------|-----|---------|---------|---------|----------|-----|------------------|-------------------|-----------|-----------|----|--------|--------|--------|
| PP Homo Injection Germany CP Weekly | EUR | HPAMY00 | HPBER03 | | Contract | FD | Northwest Europe | Current month | 3000/year | 6000/year | MT | PC0240 | PC0445 | |
| PP Homo Injection Holland CP Weekly | EUR | HPAMZ00 | HPBES03 | | Contract | FD | Northwest Europe | Current month | 3000/year | 6000/year | MT | PC0240 | PC0445 | |
| PP Homo Injection Italy CP Weekly | EUR | HPANA00 | HPBET03 | | Contract | FD | Mediterranean | Current month | 3000/year | 6000/year | MT | PC0240 | PC0445 | |
| PP Homo Injection France CP Weekly | EUR | HPANB00 | HPBEU03 | | Contract | FD | Northwest Europe | Current month | 3000/year | 6000/year | MT | PC0240 | PC0445 | |
| PP Homo Injection Spain CP Weekly | EUR | HPAWI04 | HPAWJ03 | | Contract | FD | Mediterranean | Current month | 3000/year | 6000/year | MT | PC0240 | PC0445 | |
| PP Homo Injection UK CP Weekly | GBP | PHANC00 | PHBEV03 | | Contract | FD | Northwest Europe | Current month | 3000/year | 6000/year | MT | PC0240 | | |
| PP Homo Injection FD NWE CP Weekly | USD | PHAI00 | PHBBS03 | | Contract | FD | Northwest Europe | Current month | 3000/year | 6000/year | MT | PC0263 | PC0445 | |
| PP Copol Germany CP Weekly | EUR | HPAND00 | HPBEW03 | | Contract | FD | Northwest Europe | Current month | 3000/year | 6000/year | MT | PC0240 | PC0445 | |
| PP Copol Holland CP Weekly | EUR | HPANE00 | HPBEX03 | | Contract | FD | Northwest Europe | Current month | 3000/year | 6000/year | MT | PC0240 | PC0445 | |
| PP Copol Italy CP Weekly | EUR | HPANF00 | HPBEY03 | | Contract | FD | Mediterranean | Current month | 3000/year | 6000/year | MT | PC0240 | PC0445 | |
| PP Copol France CP Weekly | EUR | HPANG00 | HPBEZ03 | | Contract | FD | Northwest Europe | Current month | 3000/year | 6000/year | MT | PC0240 | PC0445 | |
| PP Copol Spain CP Weekly | EUR | HPAWK04 | HPAWT03 | | Contract | FD | Mediterranean | Current month | 3000/year | 6000/year | MT | PC0240 | PC0445 | |
| PP Copol UK CP Weekly | GBP | PHANH00 | PHBFA03 | | Contract | FD | Northwest Europe | Current month | 3000/year | 6000/year | MT | PC0240 | | |
| PP Copol FD NWE CP Weekly | USD | PHAHX00 | PHBCF03 | | Contract | FD | Northwest Europe | Current month | 3000/year | 6000/year | MT | PC0263 | | |
| PP Homo Injection FOB NWE Weekly | USD | PHAI00 | PHBBT03 | | Spot | FOB | Northwest Europe | 3-30 days forward | 300 | | MT | PC0239 | | PC0573 |
| PP Homo Injection FD NWE | EUR | AALUR00 | AALUS00 | AAQNS00 | Spot | FD | Northwest Europe | 3-30 days forward | 20 | | MT | PC571 | | PC0573 |
| PP Homo Injection FCA Antwerp | EUR | AAVKC00 | AAVKC03 | AAVKC04 | Spot | FCA | Northwest Europe | 3-30 days forward | 20 | | MT | PC571 | | |
| PP Homo Injection CFR Turkey Weekly | USD | AAWXQ00 | AAWXQ03 | | Spot | CFR | Mediterranean | 3-30 days forward | | | MT | PC0239 | | |

Polymers

| Assessment | Currency | Code | Mavg | Wavg | Type | Basis | Location | Delivery Period | Min Size (Mt) | Max Size | Uom | Page | Mavg | Wavg |
|---|----------|---------|---------|---------|------|-------|------------------|--------------------|---------------|----------|-----|--------------------|------|--------|
| PP Fiber CFR Turkey Daily | USD | APPFA00 | APPFA03 | APPFA04 | Spot | CFR | Mediterranean | 3-30 days forward | | 1,000 | MT | PC0239 , PC0571 | | PC0573 |
| PP Raffia CFR Turkey Weekly | USD | AAVKG00 | AAVKG03 | | Spot | CFR | Mediterranean | 3-30 days forward | | | MT | PC0239 | | |
| PP Copol FOB NWE Weekly | USD | PHAHY00 | PHBCG03 | | Spot | FOB | Northwest Europe | 3-30 days forward | 300 | | MT | PC0239 | | |
| PP Copol FD NWE Weekly | EUR | AALUT00 | AALUU00 | | Spot | FD | Northwest Europe | 3-30 days forward | 20 | | MT | PC0239 | | |
| PP Copol FCA Antwerp Weekly | EUR | AAVYS00 | AAVYS03 | | Spot | FCA | Northwest Europe | 3-30 days forward | 20 | | MT | PC0239 | | |
| PP Copol CFR Turkey Weekly | USD | AAWXR00 | AAWXR03 | | Spot | CFR | Mediterranean | 3-30 days forward | | | MT | PC0239 | | |
| PP Homo Injection CFR North Africa Weekly | USD | AAVWJ00 | AAVWJ03 | | Spot | CFR | North Africa | 15-45 days forward | 100 | 500 | MT | PC0239 | | |
| PP Raffia CFR North Africa Weekly | USD | AAVWK00 | AAVWK03 | | Spot | CFR | North Africa | 15-45 days forward | 100 | 500 | MT | PC0239 | | |
| PP Copol CFR North Africa Weekly | USD | AAVWL00 | AAVWL03 | | Spot | CFR | North Africa | 15-45 days forward | 100 | 500 | MT | PC0239 | | |
| PP Homo Injection CFR West Africa Weekly | USD | ABAAL04 | ABAAL03 | | Spot | CFR | West Africa | 15-45 days forward | 100 | 500 | MT | PC0239 | | |
| PP Copol CFR West Africa Weekly | USD | ABAAM04 | ABAAM03 | | Spot | CFR | West Africa | 15-45 days forward | 100 | 500 | MT | PC0239 | | |
| PP Raffia CFR West Africa Weekly | USD | ABAAN04 | ABAAN03 | | Spot | CFR | West Africa | 15-45 days forward | 100 | 500 | MT | PC0239 | | |

Polystyrene

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|---------------------------------|-----|---------|---------|--|----------|-----|------------------|-------------------|-----------|-----------|----|--------|--------|--|
| PS G-P FD NWE spot Weekly | EUR | AALUN00 | AALU000 | | Spot | FD | Northwest Europe | 3-30 days forward | 20 | | MT | PC0276 | | |
| PS G-P FOB NWE spot Weekly | USD | PHAIK00 | PHBBJ03 | | Spot | FOB | Northwest Europe | 3-30 days forward | 300 | | MT | PC0276 | | |
| PS G-P Net FD NWE CP Weekly | USD | AAUEL00 | AAUEL03 | | Contract | FD | Northwest Europe | Current month | 3000/year | 6000/year | MT | PC0276 | PC0443 | |
| PS G-P Net FD UK CP Weekly | GBP | HPTSC00 | HPTSC03 | | Contract | FD | Northwest Europe | Current month | 3000/year | 6000/year | MT | PC0276 | PC0443 | |
| PS G-P Net FD France CP Weekly | EUR | HPTSA00 | HPTSA03 | | Contract | FD | Northwest Europe | Current month | 3000/year | 6000/year | MT | PC0276 | PC0443 | |
| PS G-P Net FD Germany CP Weekly | EUR | HPTRU00 | HPTRU03 | | Contract | FD | Northwest Europe | Current month | 3000/year | 6000/year | MT | PC0276 | PC0443 | |
| PS G-P Net FD Holland CP Weekly | EUR | HPTRW00 | HPTRW03 | | Contract | FD | Northwest Europe | Current month | 3000/year | 6000/year | MT | PC0276 | PC0443 | |
| PS G-P Net FD Italy CP Weekly | EUR | HPTRY00 | HPTRY03 | | Contract | FD | Mediterranean | Current month | 3000/year | 6000/year | MT | PC0276 | PC0443 | |
| PS G-P Net FD Spain CP Weekly | EUR | HPTSE00 | HPTSE03 | | Contract | FD | Mediterranean | Current month | 3000/year | 6000/year | MT | PC0276 | | |
| PS G-P CFR Turkey Weekly | USD | AAWYN00 | AAWYN03 | | Spot | CFR | Mediterranean | 3-30 days forward | | | MT | PC0239 | | |
| PS G-P CFR North Africa Weekly | USD | AAVWM00 | AAVWM03 | | Spot | CFR | North Africa | 3-30 days forward | 100 | 500 | MT | PC0239 | | |
| HIPS FD NWE spot Weekly | EUR | AALUP00 | AALUQ00 | | Spot | FD | Northwest Europe | 3-30 days forward | 20 | | MT | PC0276 | | |
| HIPS FOB NWE spot Weekly | USD | PHAIQ00 | PHBB003 | | Spot | FOB | Northwest Europe | 3-30 days forward | 300 | | MT | PC0276 | | |
| HIPS Net FD NWE CP Weekly | USD | AAUEK00 | AAUEK03 | | Contract | FD | Northwest Europe | Current month | 3000/year | 6000/year | MT | PC0276 | PC0443 | |
| HIPS Net FD UK CP Weekly | GBP | HPTSD00 | HPTSD03 | | Contract | FD | Northwest Europe | Current month | 3000/year | 6000/year | MT | PC0276 | PC0443 | |
| HIPS Net FD France CP Weekly | EUR | HPTSB00 | HPTSB03 | | Contract | FD | Northwest Europe | Current month | 3000/year | 6000/year | MT | PC0276 | PC0443 | |
| HIPS Net FD Germany CP Weekly | EUR | HPTRV00 | HPTRV03 | | Contract | FD | Northwest Europe | Current month | 3000/year | 6000/year | MT | PC0276 | PC0443 | |
| HIPS Net FD Holland CP Weekly | EUR | HPTRX00 | HPTRX03 | | Contract | FD | Northwest Europe | Current month | 3000/year | 6000/year | MT | PC0276 | PC0443 | |
| HIPS Net FD Italy CP Weekly | EUR | HPTRZ00 | HPTRZ03 | | Contract | FD | Mediterranean | Current month | 3000/year | 6000/year | MT | PC0276 | PC0443 | |

Polymers

| Assessment | Currency | Code | Mavg | Wavg | Type | Basis | Location | Delivery Period | Min Size (Mt) | Max Size | Uom | Page | Mavg | Wavg |
|------------------------------|----------|-------------------------|-------------------------|------|----------|-------|------------------|-------------------|---------------|-----------|-----|------------------------|------------------------|------|
| HIPS Net FD Spain CP Weekly | EUR | HPTSF00 | HPTSF03 | | Contract | FD | Mediterranean | Current month | 3000/year | 6000/year | MT | PC0276 | | |
| HIPS CFR North Africa Weekly | USD | AAVWN00 | AAVWN03 | | Spot | CFR | North Africa | 3-30 days forward | 100 | 500 | MT | PC0239 | | |
| HIPS CFR Turkey Weekly | USD | AAWY000 | AAWY003 | | Spot | CFR | Mediterranean | 3-30 days forward | | | MT | PC0239 | PC0443 | |
| EPS FD NWE spot Weekly | EUR | AAVKR00 | AAVKR03 | | Spot | FD | Northwest Europe | 3-30 days forward | 20 | | MT | PC0276 | | |
| EPS FOB NWE Weekly | USD | AAVKV00 | AAVKV03 | | Spot | FOB | Northwest Europe | 3-30 days forward | 300 | | MT | PC0276 | | |
| EPS Net FD Spain CP Weekly | EUR | AAVKQ00 | AAVKQ03 | | Contract | FD | Mediterranean | Current month | 3000/year | 6000/year | MT | PC0276 | PC0443 | |
| EPS Net FD UK CP Weekly | GBP | AAVKP00 | AAVKP03 | | Contract | FD | Northwest Europe | Current month | 3000/year | 6000/year | MT | PC0276 | PC0443 | |
| EPS Net FD France CP Weekly | EUR | AAVKO00 | AAVKO03 | | Contract | FD | Northwest Europe | Current month | 3000/year | 6000/year | MT | PC0276 | PC0443 | |
| EPS Net FD Germany CP Weekly | EUR | AAVKL00 | AAVKL03 | | Contract | FD | Northwest Europe | Current month | 3000/year | 6000/year | MT | PC0276 | PC0443 | |
| EPS Net FD Holland CP Weekly | EUR | AAVKM00 | AAVKM03 | | Contract | FD | Northwest Europe | Current month | 3000/year | 6000/year | MT | PC0276 | PC0443 | |
| EPS Net FD Italy CP Weekly | EUR | AAVKN00 | AAVKN03 | | Contract | FD | Mediterranean | Current month | 3000/year | 6000/year | MT | PC0276 | | |
| EPS Net FD NWE CP Weekly | USD | AAVKU00 | AAVKU03 | | Contract | FD | Northwest Europe | Current month | 3000/year | 6000/year | MT | PC0276 | | |
| EPS CFR Turkey Weekly | USD | AAVKW00 | AAVKW03 | | Spot | CFR | Mediterranean | 3-30 days forward | | | MT | PC0239 | | |

Polyethylene Terephthalate (PET)

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|---------------------------------------|-----|-------------------------|-------------------------|--|----------|----|------------------|---------------|-----------|-----------|----|------------------------|------------------------|--|
| PET FD NWE Weekly | EUR | AAXOB00 | AAXOB03 | | Spot | FD | Northwest Europe | 3-30 days | 20 | | MT | PC0239 | | |
| PET FD UK Weekly | EUR | AAXOC00 | AAXOC03 | | Spot | FD | UK | 3-30 days | 20 | | MT | PC0239 | | |
| PET FD UK Weekly | GBP | AAXOD00 | AAXOD03 | | Spot | FD | UK | 3-30 days | 20 | | MT | PC0239 | | |
| PET Bottle Grade FD France CP Weekly | EUR | AACVB00 | AACVC00 | | Contract | FD | Northwest Europe | Current month | 3000/year | 6000/year | MT | PC0240 | PC0445 | |
| PET Bottle Grade FD Italy CP Weekly | EUR | AACVI00 | AACVK00 | | Contract | FD | Mediterranean | Current month | 3000/year | 6000/year | MT | PC0240 | PC0445 | |
| PET Bottle Grade FD UK CP Weekly | GBP | AACVL00 | AACVM00 | | Contract | FD | UK | Current month | 3000/year | 6000/year | MT | PC0240 | PC0445 | |
| PET Bottle Grade FD UK CP Weekly | EUR | AACVN00 | AACVO00 | | Contract | FD | UK | Current month | 3000/year | 6000/year | MT | PC0240 | | |
| PET Bottle Grade FD NWE CP Weekly | EUR | AACVR00 | AACVS00 | | Contract | FD | Northwest Europe | Current month | 3000/year | 6000/year | MT | PC0263 | PC0445 | |
| PET Bottle Grade FD Spain CP Weekly | EUR | AACWG00 | AACWH00 | | Contract | FD | Mediterranean | Current month | 3000/year | 6000/year | MT | PC0240 | | |
| PET Bottle Grade FD NWE Net CP Weekly | EUR | AAVLE04 | AAVLE03 | | Contract | FD | Northwest Europe | Current month | 3000/year | 6000/year | MT | PC0263 | | |
| PET Bottle Grade FD NWE Net CP Weekly | USD | AAVLE10 | AAVLE13 | | Contract | FD | Northwest Europe | Current month | 3000/year | 6000/year | MT | PC0506 | PC0445 | |
| PET Bottle Grade FD UK Net CP Weekly | GBP | AAVLF04 | AAVLF03 | | Contract | FD | UK | Current month | 3000/year | 6000/year | MT | PC0240 | PC0445 | |
| PET Bottle Grade FD UK Net CP Weekly | EUR | AAVLG04 | AAVLG03 | | Contract | FD | UK | Current month | 3000/year | 6000/year | MT | PC0240 | | |
| APET Film Grade FD NWE CP Weekly | EUR | AACWV00 | AACWV00 | | Contract | FD | Northwest Europe | Current month | 3000/year | 6000/year | MT | PC0263 | | |
| APET Film Grade FD NWE Net CP Weekly | EUR | AAVLH04 | AAVLH03 | | Contract | FD | Northwest Europe | Current month | 3000/year | 6000/year | MT | PC0263 | | |

Polymers

| Assessment | Currency | Code | Mavg | Wavg | Type | Basis | Location | Delivery Period | Min Size (Mt) | Max Size | Uom | Page | Mavg | Wavg |
|--|----------|---------|---------|------|----------|-------|------------------|-------------------|---------------|-----------|-----|--------|--------|------|
| Polyvinyl Chloride (PVC) | | | | | | | | | | | | | | |
| PVC Susp FOB NWE Spot Weekly | USD | PHAIW00 | PHBAL03 | | Spot | FOB | Northwest Europe | 3-30 days | 300 | | MT | PC0239 | | |
| PVC Susp FD NWE Spot Weekly | EUR | AALUV00 | AALUW00 | | Spot | FD | Northwest Europe | 3-30 days | 20 | | MT | PC0239 | PC0442 | |
| PVC Susp CFR Russia Spot Weekly | USD | AAXCK00 | AAXCK03 | | Spot | CFR | Russia | 3-30 days | | | MT | PC0239 | | |
| PVC Susp CFR Russia Weekly | EUR | AAUMR00 | AAUMR03 | | Spot | CFR | Russia | 3-30 days | | | MT | PC0239 | | |
| PVC Susp CFR Turkey Weekly | USD | AAWXK00 | AAWXK03 | | Spot | CFR | Mediterranean | 3-30 days | | | MT | PC0239 | PC0443 | |
| PVC Susp FD Germany CP Gross Weekly | EUR | HPALP00 | HPBDI03 | | Contract | FD | Northwest Europe | Current month | 3000/year | 6000/year | MT | PC0240 | PC0443 | |
| PVC Susp FD Holland CP Gross Weekly | EUR | HPALQ00 | HPBDJ03 | | Contract | FD | Northwest Europe | Current month | 3000/year | 6000/year | MT | PC0240 | PC0443 | |
| PVC Susp FD Italy CP Gross Weekly | EUR | HPALR00 | HPBDK03 | | Contract | FD | Mediterranean | Current month | 3000/year | 6000/year | MT | PC0240 | PC0443 | |
| PVC Susp FD France CP Gross Weekly | EUR | HPALS00 | HPBDL03 | | Contract | FD | Northwest Europe | Current month | 3000/year | 6000/year | MT | PC0240 | PC0443 | |
| PVC Susp FD Spain CP Gross Weekly | EUR | HPAVN04 | HPAVX03 | | Contract | FD | Mediterranean | Current month | 3000/year | 6000/year | MT | PC0240 | PC0443 | |
| PVC Susp FD UK CP Gross Weekly | GBP | PHALT00 | PHBDM03 | | Contract | FD | Northwest Europe | Current month | 3000/year | 6000/year | MT | PC0240 | | |
| PVC Susp FD NWE CP Weekly | USD | PHAIV00 | PHBAK03 | | Contract | FD | Northwest Europe | Current month | 3000/year | 6000/year | MT | PC0260 | PC0443 | |
| PVC Susp FD Germany CP Net Weekly | EUR | AAXCE00 | AAXCE03 | | Contract | FD | Northwest Europe | Current month | 3000/year | 6000/year | MT | PC0240 | PC0443 | |
| PVC Susp FD Holland CP Net Weekly | EUR | AAXCF00 | AAXCF03 | | Contract | FD | Northwest Europe | Current month | 3000/year | 6000/year | MT | PC0240 | PC0443 | |
| PVC Susp FD Italy CP Net Weekly | EUR | AAXCG00 | AAXCG03 | | Contract | FD | Mediterranean | Current month | 3000/year | 6000/year | MT | PC0240 | PC0443 | |
| PVC Susp FD France CP Net Weekly | EUR | AAXCH00 | AAXCH03 | | Contract | FD | Northwest Europe | Current month | 3000/year | 6000/year | MT | PC0240 | PC0443 | |
| PVC Susp FD Spain CP Net Weekly | EUR | AAXCJ00 | AAXCJ03 | | Contract | FD | Mediterranean | Current month | 3000/year | 6000/year | MT | PC0240 | PC0443 | |
| PVC Susp FD UK CP Net Weekly | GBP | AAXCI00 | AAXCI03 | | Contract | FD | Northwest Europe | Current month | 3000/year | 6000/year | MT | PC0240 | | |
| Acrylonitrile Butadiene Styrene (ABS) | | | | | | | | | | | | | | |
| ABS Auto Black Spain CP Weekly | EUR | HPAWR04 | HPAWS03 | | Contract | FD | Mediterranean | Current month | 3000/year | 6000/year | MT | PC0240 | PC0445 | |
| ABS Auto Black Italy CP Weekly | EUR | HPANN00 | HPBFG03 | | Contract | FD | Mediterranean | Current month | 3000/year | 6000/year | MT | PC0240 | PC0445 | |
| ABS Auto Black Germany CP Weekly | EUR | HPANM00 | HPBFF03 | | Contract | FD | Northwest Europe | Current month | 3000/year | 6000/year | MT | PC0240 | PC0445 | |
| ABS Auto Black France CP Weekly | EUR | HPANO00 | HPBFH03 | | Contract | FD | Northwest Europe | Current month | 3000/year | 6000/year | MT | PC0240 | PC0445 | |
| ABS Auto Black FD UK CP Weekly | GBP | PHANP00 | PHBFI03 | | Contract | FD | Northwest Europe | Current month | 3000/year | 6000/year | MT | PC0240 | PC0445 | |
| ABS Average Color Italy Weekly | EUR | HPANJ00 | HPBHM03 | | Contract | FD | Mediterranean | Current month | 3000/year | 6000/year | MT | PC0240 | PC0445 | |
| ABS Average Avg Color Spain CP Weekly | EUR | HPAWP04 | HPAWQ03 | | Contract | FD | Mediterranean | Current month | 3000/year | 6000/year | MT | PC0240 | PC0445 | |
| ABS Average Color Germany CP Weekly | EUR | HPANI00 | HPBFB03 | | Contract | FD | Northwest Europe | Current month | 3000/year | 6000/year | MT | PC0240 | PC0445 | |
| ABS Average Color France CP Weekly | EUR | HPANK00 | HPBFD03 | | Contract | FD | Northwest Europe | Current month | 3000/year | 6000/year | MT | PC0240 | PC0445 | |
| ABS Average Color FD UK CP Weekly | GBP | PHANL00 | PHBFE03 | | Contract | FD | Northwest Europe | Current month | 3000/year | 6000/year | MT | PC0240 | | |
| ABS Avg Color FD NWE Contract CP Weekly | USD | PHAHD00 | | | Contract | FD | Northwest Europe | Current month | 3000/year | 6000/year | MT | PC0263 | PC0445 | |
| ABS GP/Nat FD Spain CP Weekly | EUR | AAQCP00 | AAQCP03 | | Contract | FD | Mediterranean | Current month | 3000/year | 6000/year | MT | PC0240 | PC0445 | |
| ABS GP/Nat FD Italy CP Weekly | EUR | AAQCN00 | AAQCN03 | | Contract | FD | Mediterranean | Current month | 3000/year | 6000/year | MT | PC0240 | PC0445 | |
| ABS GP/Nat FD Germany CP Weekly | EUR | AAQCL00 | AAQCL03 | | Contract | FD | Northwest Europe | Current month | 3000/year | 6000/year | MT | PC0240 | PC0445 | |
| ABS GP/Nat FD France CP Weekly | EUR | AAQC000 | AAQC003 | | Contract | FD | Northwest Europe | Current month | 3000/year | 6000/year | MT | PC0240 | PC0445 | |
| ABS GP/Nat FD UK CP Weekly | GBP | AAQCQ00 | AAQCQ03 | | Contract | FD | Northwest Europe | Current month | 3000/year | 6000/year | MT | PC0240 | | |
| ABS GP/Nat CFR NWE Weekly Spot | USD | AAQCR00 | AAQCR03 | | Spot | CFR | Northwest Europe | 3-30 days forward | 300 | | MT | PC0239 | | |

Polymers

| Assessment | Currency | Code | Mavg | Wavg | Type | Basis | Location | Delivery Period | Min Size (Mt) | Max Size | Uom | Page | Mavg | Wavg |
|---------------------------------|----------|---------|---------|------|----------|-------|------------------|-------------------|---------------|-----------|-----|--------|--------|------|
| ABS GP/Nat FD NWE Weekly | EUR | AAQCT00 | AAQCT03 | | Spot | FD | Northwest Europe | 3-30 days forward | 20 | | MT | PC0239 | | |
| ABS GP/Nat FD NWE CP Weekly | USD | AAQCS00 | AAQCS03 | | Contract | FD | Northwest Europe | Current month | 3000/year | 6000/year | MT | PC0284 | | |
| Styrene Butadiene Rubber | | | | | | | | | | | | | | |
| ESBR 1500 FD NWE Weekly | EUR | AAWXA00 | AAWXA03 | | Spot | FD | Northwest Europe | 3-30 days forward | 100 | 200 | MT | PC0752 | PC0754 | |
| ESBR 1502 FD NWE Weekly | EUR | AAWXC00 | AAWXC03 | | Spot | FD | Northwest Europe | 3-30 days forward | 100 | 200 | MT | PC0752 | PC0754 | |
| ESBR 1723 FD NWE Weekly | EUR | AAWXE00 | AAWXE03 | | Spot | FD | Northwest Europe | 3-30 days forward | 100 | 200 | MT | PC0752 | PC0754 | |
| ESBR 1783 FD NWE Weekly | EUR | AAWXG00 | AAWXG03 | | Spot | FD | Northwest Europe | 3-30 days forward | 100 | 200 | MT | PC0752 | PC0754 | |
| SSBR FD NWE Weekly | EUR | AAWXI00 | AAWXI03 | | Spot | FD | Northwest Europe | 3-30 days forward | 100 | 200 | MT | PC0752 | | |
| ESBR 1500 FOB NWE Weekly | USD | AAWXB00 | AAWXB03 | | Spot | FOB | Northwest Europe | 3-30 days forward | 500 | | MT | PC0752 | PC0754 | |
| ESBR 1502 FOB NWE Weekly | USD | AAWXD00 | AAWXD03 | | Spot | FOB | Northwest Europe | 3-30 days forward | 500 | | MT | PC0752 | PC0754 | |
| ESBR 1723 FOB NWE Weekly | USD | AAWXF00 | AAWXF03 | | Spot | FOB | Northwest Europe | 3-30 days forward | 500 | | MT | PC0752 | PC0754 | |
| ESBR 1783 FOB NWE Weekly | USD | AAWXH00 | AAWXH03 | | Spot | FOB | Northwest Europe | 3-30 days forward | 500 | | MT | PC0752 | PC0754 | |
| SSBR FOB NWE Weekly | USD | AAWXJ00 | AAWXJ03 | | Spot | FOB | Northwest Europe | 3-30 days forward | 500 | | MT | PC0752 | PC0754 | |

Polymers

Assessment Window: Weekly assessments are based on the latest information from the market up to the close of the assessment window at 4:30 pm London time on Wednesday.

Timing: Spot price assessments specify delivery or loading 3 to 30 days from the date of publication. European domestic contract prices reflect material delivered during the month of publication. CFR North Africa and CFR West Africa spot assessments reflect product for delivery 15-45 days forward from the date of publication with 60 days net payment terms.

Basis and Locations: Platts polymer assessments reflect one or more of the following (see individual polymer market descriptions and table):

- FD NWE (Eur/mt and \$/mt);
- FD UK (GBP/mt);

- FCA Antwerp (Eur/mt);
- FOB NWE basis Amsterdam-Rotterdam-Antwerp (\$/mt);
- CFR NWE (\$/mt);
- CFR Russia basis St Petersburg (\$/mt or Eur/mt);
- CFR Turkey basis Istanbul, excluding import duties (\$/mt);
- CFR North Africa basis Morocco, Algeria, Tunisia and Egypt mainports (\$/mt);
- CFR West Africa basis Nigeria, Ivory Coast, Ghana, Benin and Togo normalized to Lagos (\$/mt)

FD NWE contract prices are calculated by converting FD Germany contract prices from euro to US dollars based on exchange rates as published by Platts.

Unless otherwise stated NWE reflects Belgium, France,

Germany, Luxembourg and the Netherlands.

Weekly contract assessments: Platts polymer contract price assessments in Europe reflect gross and/or net prices freely negotiated between contract parties for monthly deliveries assessed each week as confirmation is received both on preliminary data and concluded deals from buyers and sellers. Platts defines a contract price as one negotiated against an annual commitment to supply or procure regular monthly volumes. Contract price assessments do not include additional surcharges such as energy surcharges. Platts may use information on all contractually agreed volumes to form the basis of its assessments, although assessments will be normalized to reflect contractual commitments of 3,000-6,000 mt/year. In the absence of any outright contract price information, Platts will take price direction from the more liquid spot market. Platts may consider other market information including, but not limited to, deltas. Platts prioritizes transparent and verifiable data that has been tested in the market and reflects the negotiated and mutually-agreed absolute price.

Polyethylene

Weekly contract assessments: PE contract assessments reflect gross prices (before discounts).

Daily spot assessments: LDPE FD NWE, LLDPE FD NWE, HDPE FD NWE, LDPE FCA Antwerp, LLDPE FCA Antwerp, HDPE FCA Antwerp. Daily HDPE assessments cover blowmolding, injection and film grades.

Weekly spot assessments: See table.

Standard cargo size: Between 25-100mt lots for domestic business, minimum 300 mt lots for export business. For CFR North Africa and CFR West Africa, cargo size is between 100-500 mt lots.

Product Specifications: European assessments cover Western European production and/or imported prime material. Product sold in plain or unmarked bags is not included in the assessment unless the market considers such business to be representative.

- **Low Density Polyethylene:** the assessment is for material within the melt flow index of between 0.3-4.0 under standard pressure and temperature; density between 918-920 kg/m³.
- **Linear Low Density Polyethylene C4 Blown Film:** butene-grade linear with a melt flow index of around 0.8-1.0, and density between 918-925 kg/m³.
- **Linear Low Density Polyethylene C4 Cast Stretch Film:** linear with a melt flow index of between 2.0-3.0 x, and a density of between 918-925 kg/m³.
- **Linear Low Density Polyethylene C6 blown and cast stretch film:** 1-Hexene co-monomer with density between 917-922 kg/m³ for both cast and blown film and a melt flow index between 0.9-3.5.

- **Linear Low Density Polyethylene metallocene blown and cast stretch film:** 1-Hexene co-monomer based on metallocene catalyst with a density of 912-940 kg/m³ for both cast and blown film, and a melt flow index between 0.5-4.5.
- **High Density Polyethylene injection grade:** Assessments cover material with a melt flow index between 4.0-8.0 with density between 950-960 kg/m³. The major applications for this grade include crates and boxes.
- **High Density Polyethylene blowmolding grade:** Assessments cover medium molecular weight material with a melt flow index between 0.22-0.40 with density between 950-960 kg/m³, typically for half liter and 3-4 liter bottle applications.
- **High Density Polyethylene film grade:** Assessments cover uni-modal grade with a melt flow index between 8.0-10.0 and density between 950-960 kg/m³.
- **High Density Polyethylene high molecular weight:** Assessments cover material with a high load melt index (HLMI) of between 2.0-5.0 and 5.0-10.0, and density of between 950-955 kg/m³.

Polypropylene

Weekly contract assessments: PP contract assessments reflect gross prices (before discounts).

Daily spot assessments: PP homo injection FD NWE, PP homo injection FCA Antwerp, PP fiber CFR Turkey.

Weekly spot assessments: See table.

Standard cargo size: Minimum 20mt lots for domestic business, 300mt lots for export business. For CFR North Africa and CFR West Africa, cargo size is between 100-500mt lots. CFR Turkey PP fiber assessments cover cargo volumes of up to 1,000mt.

Product Specifications: Assessments cover Western European production and/or imported prime material. Product sold in plain or unmarked bags is not included in the assessment unless the market considers such business to be representative.

- **Polypropylene homopolymer injection grade:** Assessments cover materials with a melt flow index between 5.0-30.0.
- **Polypropylene block copolymer grade:** Assessments cover material with a melt flow index between 2.0-30.0.
- **Polypropylene raffia grade:** Assessments cover CFR Turkey, CFR North Africa and CFR West Africa only, with a minimum melt flow index of 3.5 without additives.
- **Polypropylene fiber grade:** Assessments cover CFR Turkey for material with a melt flow index of 18.0-35.0 g/10min at 230°C.

Polystyrene

Polystyrene assessments cover general purpose grade (GPPS), high impact (HIPS) and expandable (EPS).

Weekly contract assessments: GPPS, HIPS and EPS contract assessments reflect net prices (after discounts).

Weekly spot assessments: See table.

Standard cargo size: Minimum 20mt lots for inland domestic business, 300mt lots for export business. For CFR North Africa, cargo size is between 100-500mt lots.

Product Specifications: European assessments cover Western European production and/or imported prime material. Product sold in plain or unmarked bags is not included in the assessment unless the market considers such business to be representative.

In NWE, the GPPS assessment covers material with a melt

flow index of between 1.0-20.0 while the HIPS assessment is for product with a melt flow index of between 2.0-20.0. The EPS assessment is for product used in insulation with flame retardant properties.

Polyethylene Terephthalate (PET)

Weekly contract assessments: PET contract assessments reflect net prices (after discounts). Gross prices (before discounts) are calculated based on typical net-to-gross spreads.

Weekly spot assessments: See table.

Standard spot cargo size: Minimum 20mt lots for domestic business.

Product Specifications: Bottle and film grade assessments cover Western European production and/or imported prime material. Product sold in plain or unmarked bags is not included in the assessment unless the market considers such business to be representative.

Bottle grade assessments cover standard bottle-grade material with an IV of between 0.7-0.86 and is B* neutral. The film grade assessment refers to APET sheet with the same characteristics.

(Notes: IV refers to intrinsic viscosity, a measure of molecular weight, or the degree of its polymerization. An IV value in the range that Platts quotes represents a commodity grade plastic, which is usually used for mineral water. B* is a measure of the degree of yellowness of the resin.)

Polyvinyl Chloride (PVC)

Weekly contract assessments: PVC contract assessments reflect net prices (after discounts). Gross prices (before discounts) are calculated based on typical net-to-gross spreads.

Weekly spot assessments: See table.

Standard cargo size: Minimum volume of 20 mt lots for domestic business and 300mt lots for export business.

Product Specifications: Pipe-grade suspension PVC with a K-value of 66-68.

Acrylonitrile Butadiene Styrene (ABS)

Weekly contract assessments: ABS contract assessments reflect gross prices (before discounts).

Weekly spot assessments: See table.

Standard spot cargo size: Minimum volume of 20mt lots for domestic business and 300mt lots for export business.

Product Specifications: Platts assesses the base ABS grade known as general purpose/natural grade resins. This is injection grade material with a melt flow index of 10.0-40.0. Platts also assesses average color and auto black grades. Platts acknowledges the variance in price of colored versus auto black resins depending on the color of the resin. The assessments for colored/auto black resins are based on Platts best estimate,

taking into account the premium over natural grade resin as reported by market participants.

Styrene Butadiene Rubber

Assessment Window: Weekly assessments are based on the latest information from the market up to close of the assessment window at 4:30 pm London time Friday or last working day of the week in case of holidays.

Timing: Material for delivery or loading 3-30 days forward from the date of publication.

Basis and Locations: Platts free delivered assessments of Emulsion SBR and Solution SBR are basis NWE. Platts FOB NWE ESBR and SSBR spot assessments reflect all major Northwest European ports, basis Rotterdam. Other price indications may be taken into consideration and normalized to Rotterdam basis in the assessment process.

Standard cargo size: SBR spot assessments on a FD NWE basis reflect standard parcel lots of 100-200 mt or 10-20 containers. Assessments on an FOB NWE basis reflect volumes of 500mt and above.

Product Specification: Standard quality ESBR grades 1500, 1502, 1723 and 1783. The SSBR assessment is for solution SBR grades with 25% styrene content and vinyl content ranging between 45% and 64%.

Recycled Polymers

| Assessment | Currency | Code | Mavg | Wavg | Type | Basis | Location | Delivery Period | Min Size | Max Size | Uom | Page | Mavg | Wavg |
|--|----------|---------|---------|---------|------|-------|------------------|-----------------|----------|----------|-----|--------|--------|--------|
| Recycled Polyethylene Terephthalate (R-PET) | | | | | | | | | | | | | | |
| Post-consumer PET bottle bales FD NWE Daily | EUR | APCBA04 | APCBA03 | APCBB04 | Spot | FD | Northwest Europe | 3-30 days | 18 | | MT | PC0503 | PC0441 | PC0574 |
| Recycled PET clear flakes FD NWE Daily | EUR | AAVKX00 | AAVKX03 | AAVKX04 | Spot | FD | Northwest Europe | 3-30 days | 20 | | MT | PC0503 | PC0441 | PC0574 |
| Recycled PET clear flakes FD UK Daily | GBP | AAVKY00 | AAVKY03 | AAVKY04 | Spot | FD | UK | 3-30 days | 20 | | MT | PC0503 | PC0441 | PC0574 |
| Recycled PET clear flakes FD UK Daily | EUR | AAVKZ00 | AAVKZ03 | AAVKZ04 | Spot | FD | UK | 3-30 days | 20 | | MT | PC0503 | PC0441 | PC0574 |
| Recycled PET mixed colored flakes FD NWE Daily | EUR | ARPFA00 | ARPFA03 | ARPFA04 | Spot | FD | Northwest Europe | 3-30 days | 20 | | MT | PC0503 | PC0441 | PC0574 |
| Recycled PET mixed colored flakes FD UK Daily | GBP | ARPF00 | ARPF03 | ARPF04 | Spot | FD | UK | 3-30 days | 20 | | MT | PC0503 | PC0441 | PC0574 |
| Recycled PET mixed colored flakes FD UK Daily | EUR | ARPF00 | ARPF03 | ARPF04 | Spot | FD | UK | 3-30 days | 20 | | MT | PC0503 | PC0441 | PC0574 |
| Recycled PET food grade pellets FD NWE Daily | EUR | ARPGA04 | ARPGA03 | ARPGA04 | Spot | FD | Northwest Europe | 3-30 days | 20 | | MT | PC0503 | PC0441 | PC0574 |
| Recycled PET food grade pellets FD UK Daily | GBP | ARPG04 | ARPG03 | ARPG04 | Spot | FD | UK | 3-30 days | 20 | | MT | PC0503 | PC0441 | PC0574 |
| Recycled PET food grade pellets FD UK Daily | EUR | ARPG04 | ARPG03 | ARPG04 | Spot | FD | UK | 3-30 days | 20 | | MT | PC0503 | PC0441 | PC0574 |
| Recycled Polyolefins | | | | | | | | | | | | | | |
| Post-consumer mixed HDPE bales FD NWE Daily | EUR | APCHA00 | APCHA03 | APCHA04 | Spot | FD | Northwest Europe | 3-30 days | 18 | | MT | PC0503 | PC0441 | PC0574 |
| Recycled HDPE light pellets FD NWE Daily | EUR | ARHDP00 | ARHDP03 | ARHDP04 | Spot | FD | Northwest Europe | 3-30 days | 20 | | MT | PC0503 | PC0441 | PC0574 |
| Recycled HDPE natural pellets FD NWE Daily | EUR | ARHNP00 | ARHNP03 | ARHNP04 | Spot | FD | Northwest Europe | 3-30 days | 20 | | MT | PC0503 | PC0441 | PC0574 |
| Post-use LDPE Grade A Bales DDP NWE Daily | EUR | ARTPB00 | ARTPB03 | ARTPB04 | Spot | DDP | Northwest Europe | 3-30 days | 18 | | MT | PC0503 | PC0441 | PC0574 |
| Post-use LDPE Grade B Bales DDP NWE Daily | EUR | ARTPC00 | ARTPC03 | ARTPC04 | Spot | DDP | Northwest Europe | 3-30 days | 18 | | MT | PC0503 | PC0441 | PC0574 |
| Recycled LDPE black pellets DDP NWE Daily | EUR | ARBPA00 | ARBPA03 | ARBPA04 | Spot | DDP | Northwest Europe | 3-30 days | 20 | | MT | PC0503 | PC0441 | PC0574 |
| Recycled LDPE grey pellets DDP NWE Daily | EUR | ARGPA00 | ARGPA03 | ARGPA04 | Spot | DDP | Northwest Europe | 3-30 days | 20 | | MT | PC0503 | PC0441 | PC0574 |
| Recycled LDPE translucent pellets DDP NWE Daily | EUR | ARTPA00 | ARTPA03 | ARTPA04 | Spot | DDP | Northwest Europe | 3-30 days | 20 | | MT | PC0503 | PC0441 | PC0574 |
| Recycled PP black pellets DDP NWE Daily | EUR | ARPEA00 | ARPEA03 | ARPEA04 | Spot | DDP | Northwest Europe | 3-30 days | 20 | | MT | PC0503 | PC0441 | PC0574 |
| Recycled PP natural pellets DDP NWE Daily | EUR | ARPEB00 | ARPEB03 | ARPEB04 | Spot | DDP | Northwest Europe | 3-30 days | 20 | | MT | PC0503 | PC0441 | PC0574 |

Recycled polymers

Assessment Window: Daily assessments are based on the latest information from the market up to the close of the assessment window at 4:30 pm London time.

Timing: Spot price assessments specify delivery 3 to 30 days from the date of publication.

Recycled Polyethylene Terephthalate (R-PET)

Basis and Locations: Assessments reflect free delivered product for NWE and UK produced flakes and food-grade pellets

derived from post-consumer virgin PET polymer. Post-consumer PET bottle bales reflect free delivered material in Northwest Europe, excluding France.

Standard spot cargo size: Minimum 20mt lots for clear and mixed colored flakes and food-grade pellets, minimum 18mt lots for post-consumer PET bottle bales.

Product Specifications: R-PET clear hot-wash flake assessments reflect material with an IV of 0.72-0.78 from 100% post-consumer recycled content. The clear flake has been through a hot-wash process. R-PET mixed colored flakes reflect material with an IV of 0.72-0.78 from 100% post-consumer

recycled content. R-PET food-grade pellet assessments reflect material with a minimum IV of 0.8. Post-consumer PET bottle bales reflect material with a minimum of 80% clear PET content.

Recycled High Density Polyethylene (R-HDPE)

Post-consumer mixed HDPE bales

Basis and Locations: Assessments reflect free delivered product for NWE, including Germany, Benelux region and Switzerland.

Standard spot cargo size: Minimum 18mt lots.

Product Specifications: Post-consumer mixed HDPE bales are of a minimum 80% mixed colored HDPE by weight. Typical impurities, such as LDPE and PP, should not amount to more than 20% by weight.

Light pellets

Basis and Locations: Assessments reflect free delivered product for NWE-produced non-food-grade pellets derived from post-consumer virgin HDPE polymer.

Standard spot cargo size: Minimum 20mt lots.

Product Specifications: R-HDPE light pellets are of extrusion/blow molding grade and include light grey or beige colored pellets for consumer packaging applications. Assessments do not reflect natural, black, white and colored pellets. Pellets are non-food-grade.

Natural pellets

Basis and Locations: Assessments reflect free delivered product for NWE-produced non-food-grade pellets derived from post-consumer virgin HDPE polymer.

Standard spot cargo size: Minimum 20mt lots.

Product Specifications: R-HDPE natural pellets are of extrusion/blow molding grade and include natural, clear and transparent colored pellets for consumer packaging applications. Pellets are non-food-grade and odorless, with a melt flow index (MFI) of 1-2g/10minutes tested at 190 degrees Celsius/5kg.

Recycled Low Density Polyethylene (R-LDPE)

Post-use LDPE Grade A Bales

Basis and Locations: Assessments reflect product for delivery duty paid, where applicable, in Northwest Europe. NWE includes Germany, Benelux region, France and Switzerland.

Standard spot cargo size: Minimum 18mt lots.

Product Specifications: Post-use LDPE Grade A bales contain 100% LDPE film sourced from distribution centers, retailers and companies, containing a minimum of 99% clear and a maximum of 1% non-clear LDPE film and label contamination. Bales are suitable for reprocessing into pellets with an MFI between 0.3-1.2 grams/10 minutes tested at 190 degrees Celsius/2.16kg. Platts defines this bale specification as Grade A, in line with market practice.

Post-use LDPE Grade B Bales

Basis and Locations: Assessments reflect product for delivery duty paid, where applicable, in Northwest Europe. NWE includes Germany, Benelux region, France and Switzerland.

Standard spot cargo size: Minimum 18mt lots.

Product Specifications: Post-use LDPE Grade B bales contain 100% LDPE film sourced from distribution centers, retailers and companies, containing a minimum of 98% clear and a maximum of 2% non-clear LDPE film and label contamination. Bales are suitable for reprocessing into pellets with an MFI between 0.3-1.2 grams/10 minutes tested at 190 degrees Celsius/2.16kg.

Platts defines this bale specification as Grade B, in line with market practice.

Black pellets

Basis and Locations: Assessments reflect product for delivery duty paid, where applicable, in Northwest Europe. NWE includes Germany, Benelux region, France and Switzerland.

Standard spot cargo size: Minimum 20mt lots.

Product Specifications: R-LDPE black pellets are derived from post-consumer waste, with a melt flow index of between 0.3 and 1.2g/10 minutes tested at 190 degrees Celsius/2.16kg. Pellets are black in color and are non-odorless and non-food-grade.

Grey pellets

Basis and Locations: Assessments reflect product for delivery duty paid, where applicable, in NWE. NWE includes Germany, Benelux region, France and Switzerland.

Standard spot cargo size: Minimum 20mt lots.

Product Specifications: R-LDPE grey pellets are derived from post-consumer waste, with a melt flow index of between 0.3 and 1.2g/10 minutes tested at 190 degrees Celsius/2.16kg. Pellets are grey in color and are non-odorless and non-food-grade.

Translucent pellets

Basis and Locations: Assessments reflect product for delivery duty paid, where applicable, in NWE. NWE includes Germany, Benelux region, France and Switzerland.

Standard spot cargo size: Minimum 20mt lots.

Product Specifications: R-LDPE translucent pellets are derived from post-consumer waste, with a melt flow index of between 0.3 and 1.2g/10 minutes tested at 190 degrees Celsius/2.16kg. Pellets are translucent, suitable for clear or transparent packaging, and are odorless and non-food-grade.

Recycled Polypropylene (R-PP)

Black pellets

Basis and Locations: Assessments reflect product for delivery duty paid, where applicable, in Northwest Europe. NWE includes Germany, Benelux region, France and Switzerland.

Standard spot cargo size: Minimum 20mt lots.

Product Specifications: R-PP black pellets are derived from post-consumer waste, with a melt flow index of between 20 and 25 g/10 minutes tested at 230 degrees Celsius/2.16kg. Pellets are non-odorless and non-food-grade.

Natural pellets

Basis and Locations: Assessments reflect product for delivery duty paid, where applicable, in Northwest Europe. NWE includes Germany, Benelux region, France and Switzerland.

Standard spot cargo size: Minimum 20 mt lots.

Product Specifications: R-PP natural colored pellets are derived from post-consumer waste, with a melt flow index of between 20 and 25 g/10 minutes tested at 230 degrees Celsius/2.16kg. Pellets are non-odorless and non-food-grade.

Recycled and Virgin Polymer Spot Price Spreads

| Symbol | Symbol Description | First Assessment Symbol Description | Symbol | Second Assessment Symbol Description | Symbol | Region | Frequency |
|---------|---|---|---------|---------------------------------------|---------|------------------|-----------|
| ARPTA00 | R-PET clear flakes spread to virgin PET FD NWE | Recycled PET clear flakes FD NWE | AAVKX04 | Virgin PET FD NWE | AAXOB00 | Northwest Europe | Weekly |
| ARPTB00 | R-PET food-grade pellets spread to virgin PET FD NWE | Recycled PET food-grade pellets FD NWE | ARPGE04 | Virgin PET FD NWE | AAXOB00 | Northwest Europe | Weekly |
| ARPTC00 | R-PET food-grade pellets spread to R-PET clear flakes FD NWE | Recycled PET food-grade pellets FD NWE | ARPGE04 | Recycled PET clear flakes FD NWE | AAVKX00 | Northwest Europe | Weekly |
| ARPTD00 | R-PET clear flakes spread to post-consumer PET bottle bales FD NWE | Recycled PET clear flakes FD NWE | AAVKX04 | Post-consumer PET bottle bales FD NWE | APCBA04 | Northwest Europe | Weekly |
| ARPTE00 | Yield-adjusted post-consumer HDPE mixed bales spread to HDPE feedstock FD NWE | Post-consumer HDPE mixed bales FD NWE (*1.25) | APCHA04 | Ethylene FD NWE (*1.05) | HPAJE04 | Northwest Europe | Weekly |
| ARPTF00 | R-HDPE Natural Pellets spread to Virgin HDPE FD NWE | Recycled HDPE Natural Pellets FD NWE | ARHNP04 | Virgin HDPE B/mldg FD NWE | AALUF00 | Northwest Europe | Weekly |
| ARPTG00 | R-LDPE Translucent Pellets spread to Virgin LDPE FD NWE | Recycled LDPE Translucent Pellets FD NWE | ARTPA04 | Virgin LDPE G-P FD NWE | AAQNQ00 | Northwest Europe | Weekly |

Recycled and virgin polymer spot price spreads

Platts publishes weekly calculated spreads relating to its European recycled plastic and virgin polymer price assessments capturing the spread between virgin polymers and their respective recycled grade as well as spreads within recycled plastic value chains. The automated calculations update each

Wednesday upon market close and are based on Platts existing spot price assessments.

Platts also publishes similar spread calculations in Asia and North America. Their description can be found in the following guides:

https://www.spglobal.com/platts/PlattsContent/_assets/_files/en/our-methodology/methodology-specifications/asia_pacific_petrochemicals.pdf and

https://www.spglobal.com/platts/PlattsContent/_assets/_files/en/our-methodology/methodology-specifications/americas-petrochemicals.pdf

Intermediates

| Assessment | Currency | Code | Mavg | Wavg | Type | Basis | Location | Delivery Period | Min Size | Max Size | Uom | Page | Mavg | Wavg |
|-------------------------------------|----------|---------|---------|------|----------|-------|-----------|-------------------|----------|----------|-----|--------|-------|------|
| Oxo Alcohols | | | | | | | | | | | | | | |
| N-Butanol FD NWE Weekly | EUR | HPAG00 | HPAPH03 | | Spot | FD | NWE | 3-30 days forward | 20 | | MT | PC0160 | | |
| N-Butanol FOB Rotterdam Weekly | USD | PHAPE00 | PHAPF03 | | Spot | FOB | Rotterdam | 3-30 days forward | 500 | 1000 | MT | PC0160 | | |
| Isobutanol FD NWE Weekly | EUR | HPAPK00 | HPAPL03 | | Spot | FD | NWE | 3-30 days forward | 20 | | MT | PC0160 | | |
| Isobutanol FOB Rotterdam Weekly | USD | PHAPI00 | PHAPJ03 | | Spot | FOB | Rotterdam | 3-30 days forward | 500 | 1000 | MT | PC0160 | | |
| 2-EH FD NWE Weekly | EUR | HPAP000 | HPAPP03 | | Spot | FD | NWE | 3-30 days forward | 20 | | MT | PC0160 | | |
| 2-EH FOB Rotterdam Weekly | USD | PHAPM00 | PHAPN03 | | Spot | FOB | Rotterdam | 3-30 days forward | 500 | 1000 | MT | PC0160 | | |
| PA FL FD NWE Weekly | EUR | HPAPW00 | HPAPX03 | | Spot | FD | NWE | 3-30 days forward | 20 | | MT | PC0160 | | |
| PA FL FOB Rotterdam Weekly | USD | PHAPU00 | PHAPV03 | | Spot | FOB | Rotterdam | 3-30 days forward | 500 | 1000 | MT | PC0160 | | |
| PA MN FD NWE Weekly | EUR | HPAPY00 | HPAPZ03 | | Spot | FD | NWE | 3-30 days forward | 20 | | MT | PC0160 | | |
| Ethylene Dichloride (EDC) | | | | | | | | | | | | | | |
| EDC FOB NWE Weekly | USD | PHAQK00 | PHAQL03 | | Spot | FOB | NWE | 3-30 days forward | 500 | 1000 | MT | PC0181 | | |
| Vinyl Chloride Monomer (VCM) | | | | | | | | | | | | | | |
| VCM FOB NWE Weekly | USD | PHAQQ00 | PHAQP03 | | Spot | FOB | NWE | 3-30 days forward | 500 | 1000 | MT | PC0181 | | |
| Acetic Acid (AA) | | | | | | | | | | | | | | |
| Acetic Acid FD NWE Weekly | EUR | HPAQC00 | HPAQD03 | | Spot | FD | NWE | 3-30 days forward | 20 | | MT | PC0172 | | |
| Vinyl Acetate Monomer (VAM) | | | | | | | | | | | | | | |
| VAM FD NWE Weekly | EUR | HPAQG00 | HPAQH03 | | Spot | FD | NWE | 3-30 days forward | 20 | | MT | PC0172 | | |
| PTA | | | | | | | | | | | | | | |
| PTA FD NWE Monthly CP | EUR | AACVW00 | AACVX00 | | Contract | FD | NWE | Current month | 300 | 2000 | MT | PC509 | | |
| Acrylonitrile (ACN) | | | | | | | | | | | | | | |
| Acrylonitrile CIF ARA Weekly | USD | PHAS004 | PHAS003 | | Spot | CIF | ARA | 3-30 days forward | 500 | | MT | PC0175 | PC459 | |

Intermediates

Oxo Alcohols

Assessment Window: Spot assessments are based on the latest information from the market up to the close of the assessment window at 4:30 pm London time Thursday. Phthalic anhydride (PA) Molten FD NWE is assessed at PA Flake FD NWE plus a fixed premium of Eur250/mt.

Timing: Assessments reflect product for delivery or loading 3-30 days forward from the date of publication.

Basis and Location: Spot prices are assessed each Thursday on a FD basis in Eur/mt and on a FOB Rotterdam basis in \$/mt.

Standard cargo size: Minimum 20 mt for FD Europe, between 500 mt and 1,000 mt for FOB Rotterdam assessments.

Product Specifications:

- **N-butanol:** Minimum purity of 99.5%. Maximum water content of 0.05%. Maximum color of 10 Hazen.
- **Iso-butanol:** Minimum purity of 99.5% and maximum water content of 0.05%. Maximum color of 10 Hazen.
- **2-EH:** Minimum purity of 99.5%. Maximum water content of 0.1% and maximum acidity of 0.01%.
- **Phthalic anhydride:** Molten and flake product with minimum purity of 99.7%. Residual maleic anhydride content maximum 0.05%. Maximum color of 20 Hazen.

Ethylene Dichloride (EDC)/Vinyl Chloride Monomer (VCM)

Assessment Window: Spot assessments are based on the latest

information from the market up to the close of the assessment window at 4:30 pm London time Tuesday.

Timing: Product loading 3-30 days forward from the date of publication.

Basis and Locations: FOB Northwest Europe in \$/mt.

Standard cargo size: 500-1,000mt.

Product Specifications:

Ethylene dichloride: Minimum purity of 99.8%. Maximum water content of 200ppm. Maximum acidity is 10ppm.

Vinyl chloride monomer: Minimum purity of 99.9% and maximum water content 100ppm.

Acetic Acid (AA)/Vinyl Acetate Monomer (VAM)

Assessment Window: Spot assessments are based on the latest information from the market up to the close of the assessment window at 4:30 pm on Thursday.

Timing: Assessments reflect product for delivery 3-30 days forward from the date of publication.

Basis and Locations: Spot prices are assessed FD NWE in Eur/mt.

Standard cargo size: Minimum 20mt.

Product Specifications:

- **Acetic acid:** Minimum purity of 99.8%, maximum water content of 0.15% by weight, and maximum color of 10 Hazen.

- **Vinyl acetate monomer:** Minimum purity of 99.9%, maximum water content of 400ppm.

Purified Terephthalic Acid (PTA)

Calculation: The PTA FD NWE monthly contract price is calculated at 0.66 multiplied by the paraxylene industry-settled monthly European contract price plus a fixed premium of Eur140/mt.

Timing: The fixed calculation incorporates the latest available published monthly settlement for the paraxylene industry-settled European contract price.

Basis and Location: FD NWE in Eur/mt.

Standard cargo size: 300-2,000mt.

Product Specifications: Minimum purity of 95%.

Acrylonitrile (ACN)

Assessment Window: Spot assessments are based on the latest information from the market up to the close of the assessment window at 4:30 pm London time on Tuesday.

Timing: Material for delivery 3-30 days forward from the date of publication.

Basis and Location: CIF ARA in \$/mt.

Standard cargo size: Minimum 500mt.

Product Specifications: Minimum purity of 99.4%, maximum water content of 0.5%, and maximum non-volatile bases content of 100ppm.

Solvents

| Assessment | Currency | Code | Mavg | Wavg | Cur Conv | Type | Basis | Location | Delivery Period | Min Size | Max Size | Uom | Page | Mavg | Wavg |
|---|----------|---------|---------|------|----------|------|-------|-----------|-------------------|----------|----------|-----|-------|--------|------|
| Hydrocarbon Solvents | | | | | | | | | | | | | | | |
| Solvent Naphtha FD NWE Weekly | EUR | HPAGN00 | HPAZI03 | | | Spot | FD | NWE | 3-30 days forward | 20 | | MT | PC370 | PC0446 | |
| Solvent Naphtha FOB Rotterdam Weekly | USD | PHAGO00 | PHAZH03 | | | Spot | FOB | Rotterdam | 3-30 days forward | 500 | 1000 | MT | PC370 | PC0446 | |
| Solvent Toluene FD NWE Weekly | EUR | HPAFN00 | HPAZK03 | | | Spot | FD | NWE | 3-30 days forward | 20 | | MT | PC370 | PC0446 | |
| Solvent Xylene FD NWE Weekly | EUR | HPAGC00 | HPAZP03 | | | Spot | FD | NWE | 3-30 days forward | 20 | | MT | PC370 | PC0446 | |
| White Spirit FD NWE Weekly | EUR | HPACS00 | HPAZT03 | | | Spot | FD | NWE | 3-30 days forward | 20 | | MT | PC370 | PC0446 | |
| White Spirit FOB Rotterdam Weekly | USD | PHACT00 | PHAZS03 | | | Spot | FOB | Rotterdam | 3-30 days forward | 500 | 1000 | MT | PC370 | PC0446 | |
| Hexane Special Grade FD NWE Weekly | EUR | HPACX00 | HPAZV03 | | | Spot | FD | NWE | 3-30 days forward | 20 | | MT | PC370 | PC0446 | |
| Hexane Special Grade FOB Rotterdam Weekly | USD | PHACZ00 | PHAZU03 | | | Spot | FOB | Rotterdam | 3-30 days forward | 500 | 1000 | MT | PC370 | PC0446 | |
| Oxygenated Solvents | | | | | | | | | | | | | | | |
| Acetone T2 FD NWE Weekly | EUR | HPADN00 | HPAYQ03 | | | Spot | FD | NWE | 3-30 days forward | 20 | | MT | PC378 | PC0447 | |
| Acetone T2 FOB Rotterdam Weekly | USD | PHADO00 | PHAYP03 | | | Spot | FOB | Rotterdam | 3-30 days forward | 500 | | MT | PC378 | PC0447 | |
| Butyl Acetate FD NWE Weekly | EUR | HPAEJ00 | HPAZE03 | | | Spot | FD | NWE | 3-30 days forward | 20 | | MT | PC378 | PC0447 | |
| Butyl Acetate FOB Rotterdam Weekly | USD | PHAEK00 | PHAZD03 | | | Spot | FOB | Rotterdam | 3-30 days forward | 500 | | MT | PC378 | PC0447 | |
| Ethyl Acetate FD NWE Weekly | EUR | HPAED00 | HPAZA03 | | | Spot | FD | NWE | 3-30 days forward | 20 | | MT | PC378 | PC0447 | |
| Ethyl Acetate FOB Rotterdam Weekly | USD | PHAE00 | PHAZB03 | | | Spot | FOB | Rotterdam | 3-30 days forward | 500 | | MT | PC378 | PC0447 | |
| IPA FD NWE Weekly | EUR | HPADE00 | HPAYF03 | | | Spot | FD | NWE | 3-30 days forward | 20 | | MT | PC378 | PC0447 | |
| IPA FOB Rotterdam Weekly | USD | PHADF00 | PHAYE03 | | | Spot | FOB | Rotterdam | 3-30 days forward | 500 | | MT | PC378 | PC0447 | |
| MEK FD NWE Weekly | EUR | HPADR00 | HPAYS03 | | | Spot | FD | NWE | 3-30 days forward | 20 | | MT | PC378 | PC0447 | |
| MEK FOB Rotterdam Weekly | USD | PHADS00 | PHAYR03 | | | Spot | FOB | Rotterdam | 3-30 days forward | 500 | | MT | PC378 | PC0447 | |
| Phenol FD NWE Weekly | EUR | HPAGF00 | HPAYJ03 | | | Spot | FD | NWE | 3-30 days forward | 20 | | MT | PC378 | PC0447 | |
| Phenol FOB Rotterdam Weekly | USD | PHAGG00 | PHAYI03 | | | Spot | FOB | Rotterdam | 3-30 days forward | 500 | | MT | PC378 | PC0447 | |

Solvents

Hydrocarbon Solvents

Assessment Window: Spot assessments are based on the latest information from the market up to the close of the assessment window at 4:30 pm London time Tuesday.

Timing: Assessments reflect material for delivery or loading 3-30 days from the date of publication. In the absence of spot indications the FOB barge market is assessed as a spread to related upstream products.

Basis and Location: Spot prices are assessed in Eur/mt FD NWE and in \$/mt FOB Rotterdam.

Standard cargo size: Minimum 20 mt for FD NWE, 500-1,000 mt for FOB Rotterdam.

Product Specifications:

- **Solvent Naphtha:** Minimum density of 0.870 g/ml at 15 degrees Celsius, minimum total aromatics content is 99% and maximum water content is 0.03%.
- **Solvent Toluene:** Product must conform to ASTM D-841.

- **Solvent Xylene:** Product must conform to ASTM D-843 with one or more isomers removed.
- **White Spirit:** Minimum density of 0.770 g/ml at 15 degrees Celsius, minimum aromatics content of 15% and a distillation range of 145-200 degrees Celsius.
- **Hexane:** Minimum C6 (hexane, isomers, and methyl-cyclopentane) content of 98%. Product should have a minimum n-hexane content specification of 45%. Maximum benzene content of 50ppm and a maximum sulfur content of 200ppm. Minimum boiling temperature of 65-70 degrees Celsius for food grade, 60-95 degrees for adhesive grades.

Oxygenated Solvents

Assessment Window: Spot assessments are based on the latest information from the market up to the close of the assessment window at 4:30 pm London time Tuesday.

Timing: Assessments reflect product for delivery or loading 3-30 days forward from the date of publication.

Basis and Locations: Eur/mt FD NWE and \$/mt FOB Rotterdam.

Standard cargo size: Minimum 20 mt for FD NWE, minimum 500 mt for FOB Rotterdam.

Product Specifications:

- **Isopropyl alcohol (IPA):** Maximum aromatics volume of 100ppm, maximum sulfur content of 1ppm and minimum product purity of 50%. Minimum alcohol content is 99.5%, and maximum water content is 0.3%.
- **Phenol:** Minimum purity of 99.9% and maximum water content of 0.08%.
- **Acetone:** Minimum acetone content of 99% and maximum water content of 0.35%
- **Methyl Ethyl Ketone (MEK):** Minimum MEK content of 99% and maximum water content of 0.1%
- **Ethyl acetate (ETAC):** Minimum purity of 99.5%, maximum water content of 0.05%, and maximum alcohol content of 0.04%.
- **Butyl acetate (BUTAC):** Minimum purity of 98%, maximum water content of 0.05%, and maximum alcohol content of 0.5%.

Chlor Alkali

| Assessment | Currency | Code | Mavg | Wavg | Cur Conv | Type | Basis | Location | Delivery Period | Min Size | Max Size | Uom | Page | Mavg | Wavg |
|-----------------------------|----------|----------|----------|------|----------|----------|-------|----------|-------------------|----------|----------|-----|--------|--------|------|
| Chlorine | | | | | | | | | | | | | | | |
| Chlorine FD NWE Weekly | EUR | AANTE00 | | | | Contract | FD | NWE | Current month | 500 | 1000 | MT | PC0391 | | |
| Caustic Soda | | | | | | | | | | | | | | | |
| Caustic Soda FOB NWE Weekly | USD | AANTF00 | AANTF03 | | | Spot | FOB | NWE | 3-30 days forward | 2000 | | DMT | PC0391 | PC0380 | |
| Caustic Soda CFR Med Weekly | USD | AC SMA04 | AC SMA03 | | | Spot | CFR | Med | 3-30 days forward | 2000 | | DMT | PC0391 | PC0380 | |

Chlor Alkali**Chlorine**

Assessment Window: Contract prices are calculated on the first Tuesday of the month at 4:30pm London time and are published weekly. The fixed calculation takes Platts EDC FOB NWE spot price assessment in \$/mt as assessed on the first Tuesday of the month, converted to euro and multiplied by 0.89 EDC chlorine content, minus Eur40/mt assumed production costs.

Timing: Current Month

Basis and Locations: FD NWE in Eur/mt.

Standard cargo size: Contract material is delivered ex-pipeline in parcels of 500-1,000mt.

Product Specifications: Liquid/gas chlorine with a minimum purity of 99.5% by volume, moisture of 50 max ppm by weight.

Caustic Soda

Assessment Window: Assessments are based on the latest information from the market up to the close of the assessment window at 4:30 pm London time on Tuesday.

Timing: Material for loading or delivery 3-30 days forward from the date of publication.

Basis and Locations: Spot prices are assessed FOB Northwest Europe, normalized to Rotterdam, and CFR Mediterranean in dollars per dry metric ton (dmt). Indications in liquid metric tons (lmt) are taken into consideration and normalized to dmt on the basis that the caustic soda content of 4,000lmt is equal to that of 2,000dmt, unless otherwise stated.

Standard cargo size: Minimum 2,000dmt.

Product Specifications: Caustic soda solution 50% commercial grade (membrane or diaphragm).

Liquid (easy) and gas chemicals freight

Platts assesses freight rates for liquid chemicals and gas chemicals in Europe. Please refer to the Freight methodology and specifications guide for details of these assessments: https://www.spglobal.com/commodityinsights/PlattsContent/_assets/_files/en/our-methodology/methodology-specifications/global_freight.pdf

Platts global chemical indices

Indices: Platts publishes the following chemical indices daily, based on the assessments indicated in parentheses. The indices appear in Platts Chemical Alert (PCA) page 900.

- Global Ethylene (CFR NE Asia, FD NWE, FD USG)
- Global Propylene (FOB Korea, FD NWE, FD USG)
- Global Benzene (FOB Korea, CIF ARA, FOB USG)
- Global Toluene (FOB Korea, FOB Rotterdam, FOB USG)
- Global Paraxylene (FOB Korea, FOB Rotterdam, and FOB US Gulf)
- Global Low density polyethylene (CFR N Asia, FD NWE, FAS Houston)
- Global Polypropylene homopolymer (CFR N Asia, FD NWE, FAS Houston)
- Global Petrochemical Index (PGPI) (1)

Weighted averages for each index above by region are as follows:

- Global Ethylene (CFR NE Asia, FD NWE, FD USG), 0.52 Asia,

0.30 for US and 0.18 for Europe.

- Global Propylene (FOB Korea, FD NWE, FD USG), 0.65 Asia, 0.17 for US and 0.18 for Europe.
- Global Benzene (FOB Korea, CIF ARA, FOB USG), 0.63 Asia, 0.18 for US and 0.18 for Europe.
- Global Toluene (FOB Korea, FOB Rotterdam, FOB USG), 0.73 Asia, 0.14 for US and 0.13 for Europe.
- Global Paraxylene (FOB Korea, FOB Rotterdam, and FOB US Gulf), 0.90 Asia, 0.06 for US and 0.05 for Europe.
- Global Low density polyethylene (CFR N Asia, FD NWE, FAS Houston), 0.45 Asia, 0.22 for US and 0.33 for Europe.
- Global Polypropylene homopolymer (CFR N Asia, FD NWE, FAS Houston), 0.71 Asia, 0.13 for US and 0.17 for Europe.

The distribution reflects the relative sizes of the regional markets based on production capacity, as of 2022.

(1) The Platts Global Petrochemical Index (PGPI) is calculated based on the individual global product indices with the following weight distribution: 0.29 ethylene, 0.24 propylene, 0.10 benzene, 0.07 toluene, 0.12 paraxylene, 0.04 LDPE, and 0.14 PP.

Units: \$/mt.

Appendix

TDI-grade toluene specifications

Platts toluene diisocyanate-grade (TDI-grade) toluene assessments reflect the below specifications, designated under ASTM D-5606:

| Property: | Specifications: |
|--------------------------|--|
| Purity, min, wt | 99.9% |
| Acid wash color, max | pass with 2 |
| Benzene, max, mg/kg | 300 |
| Non-aromatics, max, wt | 0.1% |
| Ethylbenzene, max, mg/kg | 300 |
| Xylenes, max, mg/kg | 500 |
| Appearance | Clear liquid free of sediment and haze when observed at 18.3 to 25.6 C (65 to 78 F). |
| Color, max, Pt-Co scale | 10 |

MX specifications

Platts European mixed xylenes assessments reflect the below specifications:

| Property: | Specifications: |
|--------------------------------|--|
| Non-aromatics content, max | 3% |
| Ethylbenzene content, max, vol | 20% |
| Color, max, Pt-Co scale | 20 |
| Distillation range, max | 5 Celsius |
| Initial distillation temp, min | 137 Celsius |
| Dry point, max | 143 Celsius |
| Acid wash color, max | pass with 6 |
| Copper corrosion, max | pass (1A or 1B) |
| Appearance | Clear liquid free of sediment and haze when observed at 18.3 to 25.6 C (65 to 78 F). |

Revision history

February 2023: Platts clarified the methodology for publishing industry-settled OX and PX contract prices.

January 2023: The specification guide has been renamed to European Chemicals.

December 2022: Platts updated weightings for global chemical indices.

September 2022: Platts launched LDPE bales daily spot assessments for Northwest Europe on Aug. 1, 2022. Platts clarified the exclusion of additional surcharges including energy surcharges from its polymers contract price assessments on Sept. 12, 2022.

July 2022: Platts discontinued CFR Russia assessments for polyethylene and polypropylene. Platts also added M1 and M2 FOB Rotterdam assessments for methanol.

June 2022: Platts narrowed the location for FOB NWE SBR spot assessments to reflect all major Northwest European ports, basis Rotterdam, and no longer includes Italy and Spain.

May 2022: Platts clarified the OX and PX contract price methodology, and removed duplicate symbols from the methanol assessments table.

April 2022: Platts completed an annual review of this guide, reviewing all content, and making minor edits to language throughout.

February 2022: Platts revised minimum and maximum cargo size for FCA and FD MEG and DEG spot assessments and narrowed the location for FCA and CIF MEG and FCA DEG spot assessments to Amsterdam, Rotterdam, Antwerp (ARA), basis Antwerp.

December 2021: Platts launched a daily assessment of

methanol bunker fuel delivered to Rotterdam in September 2021, additionally introducing calculations that convert the methanol bunker assessment to the energy equivalent content of LNG and fuel oil to enable comparison with other marine fuels.

October 2021: Platts added price spread calculations for recycled and virgin polymers.

July 2021: In June 2021, Platts introduced daily assessments of R-PP black and natural pellets DDP Northwest Europe and changed the purity specification of its ETBE FOB AR assessment.

May 2021: Platts completed an annual update of its European petrochemicals specifications guide, reviewing all content and making minor edits throughout. In this update, Platts added further detail on laycan correspondences for toluene and mixed xylenes spreads to Eurobob gasoline swaps and clarified delivery locations for CFR West Africa polymers.

April 2021: In March 2021, Platts revised the minimum and maximum cargo size for FD NWE and FCA Antwerp polyethylene spot assessments, introduced daily assessments of R-LDPE black pellets, grey pellets and translucent pellets DDP Northwest Europe and discontinued its benzene FOB Rotterdam assessment to focus on the more liquid CIF ARA market.

January 2021: Platts specified maximum carbon intensity instead of Greenhouse Gas saving equivalent for its ETBE FOB AR assessment.

December 2020: Platts introduced a daily assessment of R-HDPE natural pellets FD Northwest Europe. In November 2020, Platts discontinued its AA and VAM FOB NWE assessments due to low liquidity.

October 2020: Platts specified timing for the provision of ETBE sustainability documentation and renamed the assessment

description for the ETBE differential to MTBE from ETBE premium to ETBE spread. Platts introduced a dollars per metric ton to dollars per barrel conversion rate for MTBE and ETBE and specified existing nomination periods for MTBE and ETBE to align with the Petrochemicals timing and increment guidelines.

August 2020: In July 2020, Platts introduced daily assessments of post-consumer mixed HDPE bales for Northwest Europe and changed the frequency of HDPE FD NWE and HDPE FCA Antwerp spot assessments from weekly to daily.

May 2020: Platts introduced daily assessments of R-PET mixed colored flakes and changed the frequency of all R-PET assessments from weekly to daily. Platts completed an annual update of its European petrochemicals specifications guide, reviewing all content and making minor edits throughout. In this update, Platts clarified olefins modes of transport, added detail on IMPCA product specifications applicable to methanol, updated sustainability criteria wording for ETBE and reconciled inconsistencies between text and tables.

April 2020: Platts changed the quantity, delivery periods and nomination procedures reflected in its mixed xylene and toluene assessment processes and revised the non-aromatics content in its mixed xylene assessments to maximum 3%. Platts updated the gasoline components section of the guide to reflect the facilitation of the ETBE Market-on-Close assessment process through the eWindow communication tool and added a description of the ETBE spread to MTBE. Platts introduced a caustic soda CFR Med assessment, revised the location and cargo size specifications of its caustic soda FOB assessment, clarified that the unit of measure for caustic soda is dry metric tons and discontinued the caustic soda contract price. Platts introduced a fixed calculation for the chlorine contract price. In March 2020, Platts introduced a daily assessment of the MTBE spread to the Eurobob gasoline front-month financial derivative. In March 2020, Platts introduced a daily CFR Turkey PP fiber assessment and updated the location column for CFR North Africa and CFR West Africa in the polymer tables. Platts

updated inconsistencies in the text where CFR North Africa was referred to as CFR Africa and added missing references to CFR West Africa.

January 2020: Platts introduced daily R-HDPE light pellet assessment for Northwest Europe. Platts clarified location for UK PET assessments.

July 2019: Platts revised R-PET flake specifications for UK and Northwest Europe assessments.

June 2019: Platts introduced a new post-consumer PET bottle bale assessment.

May 2019: Platts updated its European polymer methodology to clarify the hierarchy of information used in contract price assessments and to further clarify that its UK polymer assessments are basis FD UK. Platts also updated its Recycled-PET flake methodology to better differentiate hot-wash flake assessments from food grade pellets. Platts also completed an annual update of its European petrochemicals methodology & specifications guide. In this update, Platts reviewed all content and made minor edits throughout.

May 2019: Platts discontinued publishing the industry-settled styrene FOB ARA monthly contract price. Platts discontinued the monthly average of its methanol FOB Rotterdam weekly calculation. Platts completed an annual update to sections 1 to 6 of Platts Methodology and Specifications Guides in April 2019, and moved these sections into a standalone Methodology Guide.

March 2019: Platts discontinued the ACN CIF MED assessment due to low liquidity.

February 2019: Platts introduced new food grade pellet recycled PET assessments.

December 2018: Platts clarified Eurobob gasoline codes used for mixed xylene, toluene assessments.

December 2018: Platts moved chemicals freight methodology and tables to Freight methodology and specifications guide.

October 2018: Platts updated the Aromatics and methanol table to correct the incoterm listed for Methanol T2 FOB Rotterdam quarterly contract.

August 2018: Platts updated the Aromatics and methanol table to correct the code listed for Mixed Xylene CIF ARA, the currency for Methanol T2 FOB Weekly Rotterdam and the contract type for Paraxylene FOB ARA Mo02. Platts also updated the Gasoline components table to include the full assessment descriptions for MTBE FOB ARA factor, ETBE FOB AR, ETBE Premium FOB AR, Raffinate-1 CIF NWE Weekly and Raffinate-1 CIF NWE Factor Weekly.

July 2018: Standardized the wording around industry-settled contract prices across the olefins, aromatics and methanol sections, and clarified that Platts will not publish a contract price if a full settlement is not reached. References to Platts currency conversions of industry-settled CPs were removed from the text and added to tables as needed.

May 2018: Platts updated the section ?@Aromatics MOC window guidelines?A to include revised expectations surrounding vessel performance in its CIF ARA aromatics assessment windows.

May 2018: Platts corrected the April 2018 revision history to remove an erroneous reference to PCA Guidelines. The April 2018 update had incorrectly stated that text had been moved to the PCA Guidelines document during the annual methodology review.

April 2018: As part of the annual methodology review, we simplified language and deleted/moved repetitive language on normalization, which is included in Parts I-VI.

April 2018: Platts moved publication of EDC/VCM assessments in Europe to Tuesday from Thursday.

April 2018: Platts amended the codes listed for its Propylene Contract Price Indicator.

January 2018: Platts amended intermediates methodology for PTA and PA. Platts harmonized toluene and mixed xylenes assessments by discontinuing nitration grade toluene and solvent grade MX.

November 2017: Platts launched CIF ARA mixed xylene month 1 and month 2 assessments, and toluene and mixed xylene month 1 and month 2 spreads to corresponding Eurobob gasoline FOB ARA swaps.

September 2017: Platts launched CIF ARA toluene assessments and tied its existing FOB ARA prices to the CIF ARA value.

August 2017: Platts clarifies vessel performance in European CIF ARA aromatics MOC window guidelines.

July 2017: Platts to assess CFR Turkey polymer prices exclusive of duty. Platts clarifies FOB specifications for styrene butadiene rubber and revises vinyl content for SSBR.

June 2017: Platts updated the codes for Platts cracker margins.

April 2017: [Annual Review] Platts launched MX CIF ARA assessment and tied its existing FOB ARA prices to the CIF ARA value. Platts revised the MOC guidelines for CIF markets allowing bids and offers for dated barrels in no shorter than 10 day strips. Platts also revised its approach to aromatics contract price publication in case of split settlements. In addition, Platts added a gas chemical freight methodology to the complement the existing easy liquid freight methodology.

January 2017: Platts to no longer take price deltas into consideration for assessing European polymer contract prices. (See May 2019 update.)

December 2016: Platts discontinued several chemical freight

assessments, including for freight rate for liquid chemicals from Europe to Brazil and for VCM freight routes from Europe and the US to Turkey.

November 2016: Platts discontinued the styrene FCA Rotterdam truck contract price. Platts launched benzene month-ahead contract price indicator.

June 2016: Platts launches C2,C3 month gross contract price assessments. Platts also launched M1,M2 spot price assessments for European C2,C3. Platts revised aromatics MOC window guidelines on loading/delivery dates.

March 2016: Platts revised the individual regional weighting to each product based on their regional capacity, for the Global Petrochemical Indices.

February 2016: [Annual Review] Platts clarified the loading dates for EDC/VCM and minimum/maximum quantity for DEG. Platts clarified that PVC CFR Russia is also assessed in \$/mt. Platts clarified that Raffinate is assessed as CIF NWE. Platts updated hexane specifications to reflect a methodology change regarding benzene and sulphur content.

February 2016: Platts clarified the loading dates for EDC/VCM and minimum/maximum quantity for DEG. Platts clarified that PVC CFR Russia is also assessed in \$/mt. Platts clarified

that Raffinate is assessed as CIF NWE. Platts updated hexane specifications to reflect a methodology change regarding benzene and sulphur content.

August 2015: Platts clarified minimum and maximum volumes for spot polymer assessments. Platts clarified delivery period for contract polymer assessments is the month of publication. Platts clarified it also used butadiene in the contract cracker margin calculations. Platts clarified loading period and standard parcel volumes for MTBE. Platts clarified loading/delivery period for acetic acid, VAM and oxygenated solvents. Platts added basis location for FD and CIF NWE assessments of ethylene and propylene.

April 2015: Platts discontinued publication of acetone T1, MIBK and benzene forward quarterly assessments. Platts also discontinued publication of the hydro xylene FOB ARA code (PHAGD00) and replaced it with mixed xylene code (PHAAW00). Platts introduced spot assessments for LLDPE standard C6 (AAQCY00) and metallocene C6 (AAQCZ00).

March 2015: Platts clarified European polymer contract price assessments by further defining the parameters. Platts added 'spot' in PET and ABS cargo sizes.

February 2015: Platts changed the frequency of the mixed xylenes and orthoxylene assessments to daily.

January 2015: Platts discontinued dioctyl phthalate assessments from January 2, 2015 and revised the specifications of the mixed xylenes reflected in the virgin/isomer and solvent grade xylenes. Platts reduced the ethyl-benzene content to a maximum of 20% from previous 55-60%, eliminated the limits on metaxylene, paraxylene and orthoxylene, which were previously set at 15-20%, and reduced the non-aromatics content to 2% from 4% maximum for solvent grade. For isomer/virgin grade Platts increased the non-aromatics content to 2% from previously set 1%.

November 2014: Platts amended olefins, aromatics and methanol contract price methodology. Platts publishes contract price settlements once it has obtained information that two buyers and two sellers have agreed the same price.

August 2014: Platts revamped all Petrochemical Methodology and Specifications Guides, including its European Petrochemical guide, in August 2014. This revamp was completed to enhance the clarity and usefulness of all guides, and to introduce greater consistency of layout and structure across all published methodology guides. Methodologies for market coverage were not changed through this revamp, unless specifically noted in the methodology guide itself.