

15 February 2024

Price Forecast Methodology: Polyethylene Terephthalate (PET)



The ICIS PET price forecasts are of monthly average prices. The forecasts are updated on a monthly review cycle but can be updated more frequently in case of major market developments. Price forecasts cover the current month and the following 17 months, ie 18 months in total.

The service provides:

1. Forecast of the monthly average spot FOB PET Bottle Grade assessment, extending the historical gross prices reported in the ICIS PET Asia price report.
2. Forecast of the monthly average spot FOB Asia NE Polyester 150 Denier Semi-Dull assessment, extending the historical gross prices reported in the ICIS PET Asia price report.
3. Forecast of the monthly FD Europe W Contract Price Assessment, extending the historical gross prices reported in the ICIS PET Europe price report.

Elements considered in the PET price forecasts include:

1. Supply-demand data for PET resin & fibre including regional imports, exports, global plant shutdowns and new capacities.
2. Downstream demand forecasts, and specifically for polyester fibre production in China.
3. ICIS upstream paraxylene, PTA and MEG price forecasts.
4. Recent movements in spot prices.

ICIS also shows historical and forecast feedstock PTA and MEG pricing, and the historical and forecasted spread between PET pricing and PTA per month.

ICIS also shows historical and forecast feedstock ethylene prices for each region, and the historical and forecast spread between MEG and ethylene prices per month.

Prices are forecast in the currency they are assessed in. For spreads analysis, where feedstock currency may differ from product currency, exchange rates from www.xe.com are used for historical data series. For forecast series, ICIS uses the exchange rate from the date of analysis.