

## **POLYBUTADIENE RUBBER**

Polybutadiene rubber (PBR) is polymerized butadiene. It was one of the first types of synthetic elastomer, or rubber, to be invented. It is very similar to natural rubber, polyisoprene. It is good for uses which require exposure to low temperatures. It is used in blends with other rubber types for improved elasticity, wear resistance and low temperature properties.

The major use of PBR is in tyres with over 70% of the polymer produced going into treads and sidewalls. PBR imparts excellent abrasion resistance (good tread wear), and low rolling resistance (good fuel economy) due to its low glass transition temperature.

PBR also has a major application as an impact modifier for polystyrene and acrylonitrile butadiene styrene (ABS) resin. Apart from tire treads, belts, hoses, gaskets and other automobile parts are also made from polybutadiene, because it stands up to cold temperatures better than other elastomers.

ICIS pricing quotes butadiene rubber in **Asia-Pacific**.

### **Frequency:**

Published weekly on Thursdays.

### **PBR (ASIA-PACIFIC)**

#### **Weekly Price assessments:**

##### *Polybutadiene rubber (PBR) Low-cis grade Spot Prices*

- CFR N.E.Asia (USD/MT & conversion to US CTS/LB)
- CFR S.E.Asia (USD/MT & conversion to US CTS/LB)

##### *Polybutadiene rubber (PBR) High-cis grade Spot Prices*

- CFR N.E.Asia (USD/MT & conversion to US CTS/LB)
- CFR S.E.Asia (USD/MT & conversion to US CTS/LB)

## **General Information:**

**Assessment window:** Price assessments are based on information supplied by market participants through the week up to close of business on Thursdays at 1800 hours in Singapore.

**Specification:** The Asia Pacific spot quotes cover both the low-cis and high-cis grades.

**Timing:** Cargoes are loaded or delivered four to six weeks forward from the date of publication. International cargoes are loaded or delivered two to six weeks forward from the date of publication.

**Terms:** Typically 30-60 days after bill of lading date.

**Standard cargo size:** typical volume sizes are between 50-500 tonnes in Asia.

**Assessment basis:** The PBR price assessments are based on information gathered throughout the week from market players comprising producers, consumers, traders and distributors. The assessment of prices takes into consideration buy and sell indications, firm bids and offers, notional price discussions and rumoured, reported and confirmed deals. In the event of lack of trades, the published price range represents the highest bids received and the lowest sell indications of the week. Factors such as deep-sea cargo movements, supply/demand balance, plant operating rates, feedstock and derivative markets, and general market sentiment, are also taken into account.