



## Technical Data Sheet

### Europrene®

SSBR

### SOL R 72616 BA

Styrene – Butadiene Copolymer Bio Attributed  
Functionalized for silica



Europrene® SOL R 72616 BA is a solution polymerized, dry styrene-butadiene random copolymer functionalized for silica. A non-staining antioxidant is added during the production process.

#### Sustainability

Bio raw materials can be used in production processes together with traditional raw materials. In order to attribute sustainability characteristics to the final product, Versalis applies the **Mass Balance** approach, an acknowledged methodology that ensures that the sustainability characteristics of the alternative raw material, mixed with traditional naphtha, correspond to those of the final product. BA products are provided with a **sustainability declaration** indicating the amount of Bio Attributed component. They guarantee identical performance, quality and properties, as they do not differ in chemical composition and physical-mechanical performance from standard products.

| Main Properties                 | Test Method     | Unit | Typical Value     |
|---------------------------------|-----------------|------|-------------------|
| Mooney Viscosity ML 1+4(100 °C) | ASTM D 1646     | MU   | 68                |
| Bound Styrene                   | Internal Method | % wt | 21                |
| Vinyl content                   | Internal Method | % wt | 63 <sup>(1)</sup> |
| Volatile Matter                 | ASTM D 5668     | % wt | 0.75 max          |
| Tg                              | Internal Method | °C   | -25               |

<sup>(1)</sup> Referred to butadiene portion

#### Key Features

Europrene® SOL R 72616 BA is designed to provide an excellent balance between grip and rolling resistance in tyre tread compounds. Functionalization improves polymer/filler interaction especially with silica.

#### Main Applications

Silica - based compounds for premium low rolling resistance summer, all-season and winter tyre treads.

#### Physical Form

Clear bales wrapped in easily dispersible polyethylene film.

#### Packaging

Returnable metal crate, nominal net weight 1260 kg; 35 kg bale, 36 bales per crate (1465 x 1150 x H1123 mm).  
Wooden crate: nominal net weight 1050 kg, 35 kg bale, 30 bales per crate (1530 x 1145 x H1090 mm).

#### Storage Conditions

Stored in a vented, dry area at temperatures between 20°C and 30°C, with no direct sunlight.  
Shelf life: 18 months minimum.

Please consult the relevant safety data sheet for more detailed information.

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