



## Technical Data Sheet

### Europrene® SSBR

### SOL R 74618T BA

Styrene – Butadiene Copolymer Bio Attributed



Europrene® SOL R 74618T BA is a solution polymerized, oil extended styrene-butadiene random copolymer. The polymer is extended with 37.5 phr of TDAE oil and contains a non-staining antioxidant.

#### 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   | 60                |
| Oil Content                     | ASTM D 5774     | % wt | 27.3              |
| Bound Styrene                   | Internal Method | % wt | 35                |
| Vinyl content                   | Internal Method | % wt | 58 <sup>(1)</sup> |
| Volatile Matter                 | ASTM D 5668     | % wt | 0.75 max          |
| Tg                              | Internal Method | °C   | -23               |

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

#### Key Features

Europrene® SOL R 74618T BA is designed to enhance grip and handling maintaining good rolling resistance.

#### Main Applications

Tyre tread compounds for HP/UHP tyres.

#### Physical Form

Brown coloured bales wrapped in easily dispersible polyethylene film.

#### Packaging

Returnable metal crate, nominal net weight 990 kg; 33 kg bale, 30 bales per crate (1465 x 1150 x H1123 mm).  
Wooden crate: nominal net weight 990 kg; 33 kg bale, 30 bales per crate (1490 x 1150 x H975 mm).

#### Storage Conditions

Stored in a vented, dry area at temperatures between 20°C and 30°C, with no direct sunlight.  
Shelf life: 24 months minimum.

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

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