



## Technical Data Sheet

### Europrene®

SSBR

### SOL R X<sup>(1)</sup> 71420 BA

Styrene – Butadiene Copolymer Bio Attributed  
Functionalized for Carbon Black  
<sup>(1)</sup> Experimental grade



Europrene® SOL R X 71420 BA is a solution polymerized, dry styrene-butadiene random copolymer. 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	58
Bound Styrene	Internal Method	% wt	15
Vinyl content	Internal Method	% wt	48 <sup>(1)</sup>
Volatile Matter	ASTM D 5668	% wt	0.75 max
Tg	Internal Method	°C	-50

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

#### Key Features

Europrene® SOL R X 71420 BA is designed to provide good low temperature properties. Its micro- and macrostructure make it suitable for low glass transition temperature compounds with good mechanical properties.

#### Main Applications

Tyre treads compounds with low rolling resistance. It is suitable for medium-heavy commercial vehicles tyre treads compounds.

#### Physical Form

Clear 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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