



Technical Data Sheet

Europrene®

SSBR

SOL R X⁽¹⁾ 71420 BCA

Styrene – Butadiene Copolymer Bio-Circular Attributed
Functionalized for Carbon Black

⁽¹⁾ Experimental grade



Europrene® SOL R X 71420 BCA 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. BCA products are provided with a **sustainability declaration** indicating the amount of Bio-Circular 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 ⁽¹⁾
Volatile Matter	ASTM D 5668	% wt	0.75 max
Tg	Internal Method	°C	-50

⁽¹⁾ Referred to butadiene portion

Key Features

Europrene® SOL R X 71420 BCA 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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