



Technical Data Sheet

Europrene®

SSBR

SOL R X⁽¹⁾ C3555T BCA

Styrene – Butadiene Copolymer Bio-Circular Attributed

⁽¹⁾ Experimental grade



Europrene® SOL R X C3555T BCA 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. 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	75
Oil Content	ASTM D 5774	% wt	27.3
Bound Styrene	Internal Method	% wt	35
Vinyl content	Internal Method	% wt	55 ⁽¹⁾
Volatile Matter	ASTM D 5668	% wt	0.75 max
Tg	Internal Method	°C	-25

⁽¹⁾ Referred to butadiene portion

Key Features

Europrene® SOL R X C3555T BCA is designed for enhanced grip and handling performances together with excellent rolling resistance and premium processability.

Main Applications

Tread compounds for HP/UHP tyres. Extremely suitable for high filler loading.

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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