



Technical Data Sheet

Europrene® SSBR

SOL R C2525 BCA

Styrene – Butadiene Copolymer Bio-Circular Attributed



Europrene® SOL R C2525 BCA is a solution polymerized, dry styrene-butadiene random copolymer 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	54
Bound Styrene	Internal Method	% wt	26
Vinyl content	Internal Method	% wt	24 ⁽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 C2525 BCA is a possible replacement for Europrene ESBRC BCA dry grades; thanks to its controlled micro- and macrostructure it exhibits better dimensional stability and compression set behavior in compounds. It is suitable for applications where absence of blooming is requested. Its low Tg makes it suitable for low RR, winter and all season tyre tread application.

Main Applications

Low rolling resistance and improved grip tyre treads compounds; high quality technical rubber goods and footwear applications. It is suitable for the manufacturing of items intended to come into contact with foodstuffs, complying by composition with the prescription set by regulations currently in force in Germany (BfR empf. XXI), USA (FDA US-CFR 21. section 177.2600) and European Union (Commission Regulation n.10/2011).

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: 18 months minimum.

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

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