



Technical Data Sheet

Europrene®
SSBR

SOL R 72616 BCA
Styrene – Butadiene Copolymer Bio-Circular Attributed
Functionalized for silica



Europrene® SOL R 72616 BCA is a solution polymerized, dry styrene-butadiene random copolymer functionalized for silica. 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	68
Bound Styrene	Internal Method	% wt	21
Vinyl content	Internal Method	% wt	63 ⁽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 72616 BCA is designed to provide an excellent balance between grip and rolling resistance in tyre tread compounds. Functionalization improves polymer/filler interaction especially with silica.

Main Applications

Silica - based compounds for premium low rolling resistance summer, all-season and winter tyre treads.

Physical Form

Clear bales wrapped in easily dispersible polyethylene film.

Packaging

Returnable metal crate, nominal net weight 1260 kg; 35 kg bale, 36 bales per crate (1465 x 1150 x H1123 mm).
Wooden crate: nominal net weight 1050 kg, 35 kg bale, 30 bales per crate (1530 x 1145 x H1090 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.

