



Technical Data Sheet

Europrene® SSBR

SOL R C2564-T BCA Styrene – Butadiene Copolymer Bio-Circular Attributed



Europrene® SOL R C2564-T 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	50
Oil Content	ASTM D 5774	% wt	27.3
Bound Styrene	Internal Method	% wt	25
Vinyl content	Internal Method	% wt	64 ⁽¹⁾
Volatile Matter	ASTM D 5668	% wt	0.75 max
Tg	Internal Method	°C	-29

⁽¹⁾ Referred to butadiene portion

Key Features

Europrene® SOL R C2564-T BCA is showing an excellent processability with a good balance of dynamic properties.

Main Applications

Low rolling resistance tyre treads with improved wet grip; technical rubber goods.

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.

The information and data presented herein are to the best of our knowledge, true and accurate, but no warranty or guarantee, expressed or implied, is made nor is any liability accepted with respect to the use of such information data.

® Registered Trademark