



Technical Data Sheet

AGON®
SSBR

SOL R X^(*) 73521 BCA
Styrene-Butadiene Copolymer Bio-Circular Attributed
(*) Experimental Grade



AGON® SOL R X 73521 BCA is a solution polymerized, oil extended styrene-butadiene random copolymer. The polymer is extended with 25 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) unmassed	ASTM D 1646	MU	80
Oil content	ASTM D 5774	% wt	20
Bound Styrene	Internal Method	% wt	35
Vinyl content	Internal Method	% wt	58 (**)
Volatile matter	ASTM D 5668	% wt	0.75 min
Tg	Internal Method	°C	-22

(**) Referred to butadiene portion

Key Features

AGON® SOL R X 73521 BCA is designed to enhance grip and handling maintaining good rolling resistance performance.

Main Applications

Tyre tread compounds for HP/UHP tyres.

Physical Form

Brown coloured bales wrapped in easily dispersible polyethylene film.

Packaging

Returnable metal crate, nominal net weight 840 kg; 28 kg bale, 30 bales per crate (1465 x 1150 x H1123 mm).

Wooden crate: nominal net weight 840 kg; 28 kg bale, 30 bales per crate (1490 x 1150 x H975 mm).

Storage Conditions

Store in a vented, dry area at temperatures between 20°C and 30°C; no direct sunlight.

Shelf life: 12 months minimum.

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

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