



Technical Data Sheet

AGON®
SSBR

SOL R X^(*) FZ 360 BCA
Styrene-Butadiene Copolymer Bio-Circular Attributed
(*) Experimental Grade



AGON® SOL R X FZ 360 BCA is a solution polymerized styrene-butadiene random copolymer functionalized for silica. The polymer 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	60
Bound Styrene	Internal Method	% wt	15
Vinyl content	Internal Method	% wt	32 (**)
Volatile matter	ASTM D 5668	% wt	0.75 min
Tg	Internal Method	°C	-65

(**) Referred to butadiene portion

Key Features

AGON® SOL R X FZ 360 BCA, featuring a brand new generation functionality, is designed to provide cold properties together with enhanced rolling resistance in fuel efficient tread compounds for high performance and EV tyres.

Main Applications

Silica - based compounds for winter and all seasons tyres.

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 (1465x1150xH1123 mm).

Wooden crate IPPC, nominal net weight 1050 kg, 35 kg bale, 30 bales per crate (1530x1145xH1090 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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