



## Technical Data Sheet

**AGON®**  
SSBR

**SOL C 283 BCA**  
Styrene-Butadiene Copolymer Bio-Circular Attributed



AGON® SOL C 283 BCA is a solution styrene-butadiene partial block copolymer, polymerized using an alkyl lithium catalyst. 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
Bound Styrene	Internal Method	% wt	11
Block Styrene	Internal Method	% wt	8
Solution viscosity	ASTM D 445	cP	30 <sup>(1)</sup>
Volatile matter	ASTM D 5668	% wt	0.75 max

<sup>(1)</sup> 5% wt/wt in Styrene at 25°C

### Key Features

The presence of styrene both bound and block at low concentrations allows AGON® SOL C 283 BCA to exhibit fast dissolving characteristics and excellent dispersion in styrene polymers and copolymers. The high level of polybutadiene in the copolymer allows higher impact resistance properties. This polymer is recommended if very good gloss appearance is required.

### Main Applications

Impact improver of ABS and Polystyrene giving a gloss surface.

### Physical Form

White to cream colored bales wrapped in styrene soluble film.

### Packaging

Returnable metal crate: total weight 924 kg; 22 kg bale, 42 bales per crate (1465 x 1150 x H1123 mm).

On request available wooden crate (1490 x 1150 x 975 H).

### 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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