



Technical Data Sheet

Europrene®
SEBS

SOL TH 2312 BCA
Styrene - Ethylene/Butylene Block Copolymer Bio-Circular Attributed



Europrene® SOL TH 2312 BCA is a linear block copolymer obtained by selective hydrogenation of styrene -butadiene-styrene block copolymers. The polymer is based on styrene and ethylene/butylene. A non-staining, TNPP free antioxidant system is added during the production process.

Sustainability

Bio-Circular 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 Content	Internal Method	% wt	30
Melt Flow Index*	ASTM D 1238	g/10 min	<1
Volatile Matter	ASTM D 5668	%	1 max
Brookfield Viscosity**	Internal Method	Pa · s	1,8

*230°C, 5 kg

**Xylene sol., 20% wt

Key Features

Europrene® SOL TH 2312 BCA is a linear triblock copolymer of medium molecular weight. It is characterized by excellent processability, mechanical properties and ageing resistance.

Main Applications

Europrene® SOL TH 2312 BCA is designed for hot melt adhesives and polymer modification. The grade is also widely used in technical compounds where softness and clarity are required. Due to its easy dispersibility, SOL TH 2312 BCA can also be used in bitumen modification for roofing applications.

Physical Form

Europrene® SOL TH 2312 BCA is produced in Ravenna Plant (Italy) in porous pellet form.

Packaging

Available in standard packaging. For detailed information, please refer to your Versalis representative.

Storage Conditions

Store the preparation in a covered place in sealed packaging, away from sunlight and heat sources. Ensure the proper ventilation in all storage areas.

Shelf life: 24 months

