



versalis

## Technical Data Sheet

### EUOPRENE<sup>®</sup>

SEBS

### SOL TH 2312

Styrene - Ethylene / Butylene Block Copolymer

Europrene<sup>®</sup> SOL TH 2312 is a linear block copolymer obtained by selective hydrogenation of styrene - butadiene-styrene block copolymers. The polymer is based on styrene and ethylene/butylene, where bound styrene content is 30%wt. A non-staining, TNPP free antioxidant system is added during the production process.

Properties	Test Method	Unit	Typical Value
Tensile strength <sup>1)</sup>	ASTM D 412	MPa	30.0
Elongation at break <sup>1)</sup>	ASTM D 412	%	600
300% Modulus <sup>1)</sup>	ASTM D 412	MPa	5.0
Hardness <sup>1)</sup>	ASTM D 2240	Sh A	75
Melt Flow Index	ASTM D 1238	g/10 min	<1 (200°C, 5 Kg)
Brookfield Viscosity	ASTM D 1084	Pa .s	1.6 (Toluene sol., 20% wt)

1) Measured on ASTM D 4703 compression molded specimens

### Key Features

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

### Main Applications

Europrene<sup>®</sup> SOL TH 2312 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 dispersability, SOL TH 2312 can also be used in bitumen modification for roofing applications.

### Physical Form

The product is supplied from Ravenna Plant (Italy) in porous pellet form

### Packaging

Available in bags on pallet, big bags and wooden crates. 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

