

# Europrene® SOL TH 2312

Styrene Ethylene Butylene Styrene Block Copolymer

Versalis S.p.A.

## Message:

Europrene® 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.

### Key Features

Europrene® 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® 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.

General Information			
Additive	Antioxidant		
Features	Antioxidant		
	Block Copolymer		
	Dispersible		
	Good Processability		
	High Clarity		
	Medium Molecular Weight		
	Soft		
Uses	Adhesives		
	Asphalt Modification		
	Plastics Modification		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (200°C/5.0 kg)	< 1.0	g/10 min	ASTM D1238
Bound Styrene	30.0	%	Internal Method
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	75		ASTM D2240
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress (300% Strain)	5.00	MPa	ASTM D412
Tensile Strength	30.0	MPa	ASTM D412
Tensile Elongation (Break)	600	%	ASTM D412
Fill Analysis	Nominal Value	Unit	Test Method
Brookfield Viscosity - Toluene sol., 20% wt	1.60	Pa · s	ASTM D1084
Shelf Life	24	month	

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#### Recommended distributors for this material

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