

# Europrene® SOL TH 2311

Styrene Ethylene Butylene Styrene Block Copolymer

Versalis S.p.A.

## Message:

Europrene® SOL TH 2311 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 2311 is a linear triblock copolymer of low molecular weight. Europrene® SOL TH 2311 offers excellent thermal and colour stability, along with very good adhesive properties even with high addition of resins and plasticizers.

### Main Applications

Europrene® SOL TH 2311 is designed for high performance hot melt adhesives and polymer modification. Easily dispersible, SOL TH 2311 is also used in bitumen modification for roofing applications and technical compound.

General Information			
Additive	Antioxidant		
Features	Antioxidant		
	Block Copolymer		
	Dispersible		
	Good Adhesion		
	Good Color Stability		
	Good Thermal Stability		
Uses	Low Molecular Weight		
	Adhesives		
	Asphalt Modification		
Forms	Plastics Modification		
	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	28.0	MPa	ASTM D412
Tensile Elongation (Break)	550	%	ASTM D412
Fill Analysis	Nominal Value	Unit	Test Method
Brookfield Viscosity - Toluene sol., 20% wt	500	mPa · s	ASTM D1084
Shelf Life	24	month	

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection.All rights belong to the original authors. If any

infringement occurs, please contact us immediately.

#### Recommended distributors for this material

### Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

