

Europrene® SOL T 9113

Styrene Isoprene Styrene Block Copolymer

Versalis S.p.A.

Message:

Europrene® SOL T 9113 is a linear block copolymer obtained by anionic polymerisation. The polymer is based on styrene and isoprene, where bound styrene content is 18 % wt and diblock content is 8 %. A non-staining, TNPP free antioxidant system is added during the production process.

Key Features

Europrene® SOL T 9113 is a block copolymer with linear molecular structure and low diblock content, designed for adhesive applications where very high cohesion and excellent thermal stability are required.

Main Applications

Hot-melt pressure sensitive adhesive applications

General Information			
Additive	Antioxidant		
Features	Antioxidant		
	Block Copolymer		
	Good Adhesion		
	Good Thermal Stability		
Uses	Adhesives		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.920	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (190°C/5.0 kg)	12	g/10 min	ASTM D1238
Bound Styrene	18.0	%	Internal Method
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	44		ASTM D2240
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress (300% Strain)	1.30	MPa	ASTM D412
Tensile Strength	20.0	MPa	ASTM D412
Tensile Elongation (Break)	1000	%	ASTM D412
Fill Analysis	Nominal Value	Unit	Test Method
Brookfield Viscosity - Toluene sol., 25% wt	900	mPa · s	ASTM D1084
Diblock Content	8.0	wt%	
Shelf Life	18	month	

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