

Europrene® SOL T 190

Styrene Isoprene Styrene Block Copolymer

Versalis S.p.A.

Message:

Europrene® SOL T 190 is a linear block copolymer obtained by anionic polymerisation. The polymer is based on styrene and isoprene, where bound styrene content is 16 % wt and diblock content is 25 %. A non-staining, TNPP free antioxidant system is added during the production process.

Key Features

Europrene® SOL T 190 is an easy processable, general purpose grade, characterised by an optimum balance of adhesive and cohesive properties.

Main Applications

The polymer is designed for hot melt pressure-sensitive adhesive applications. Europrene® SOL T 190 is also used in bitumen modification when enhanced adhesive properties are required.

General Information			
Additive	Antioxidant		
Features	Antioxidant		
	Block Copolymer		
	General Purpose		
	Good Adhesion		
	Good Processability		
Uses	Adhesives		
	Asphalt Modification		
	General Purpose		
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)	9.0	g/10 min	ASTM D1238
Bound Styrene	16.0	%	Internal Method
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	30		ASTM D2240
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress (300% Strain)	1.00	MPa	ASTM D412
Tensile Strength	12.0	MPa	ASTM D412
Tensile Elongation (Break)	1200	%	ASTM D412
Fill Analysis	Nominal Value	Unit	Test Method
Brookfield Viscosity - Toluene sol., 25% wt	1.00	Pa · s	ASTM D1084
Diblock Content	25.0	wt%	
Shelf Life	18	month	

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