Europrene® SOL T 9133

Styrene Isoprene Styrene Block Copolymer

Versalis S.p.A.

Message:

Europrene® SOL T 9133 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 55 %. A non-staining, TNPP free antioxidant system is added during the production process.
Key Features
Europrene® SOL T 9133 is a block copolymer with linear molecular structure and very high diblock content, designed for hot melt pressure sensitive applications where excellent tack performance, combined with softness and low viscosity, are required.
Main Applications
Hot-melt pressure sensitive adhesives for labels or high tack tapes.

General Information			
Additive	Antioxidant		
Features	Antioxidant		
	Block Copolymer		
	Linear Polymer Structure		
	Low Taste Transfer		
	Low Viscosity		
	Soft		
Uses	Adhesives		
	Tape		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.920	g/cm³	ASTM D792
Melt Mass-Flow Rate (MFR) (190°C/5.0 kg)	14	g/10 min	ASTM D1238
Bound Styrene	16.0	%	Internal Method
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	20		ASTM D2240
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress (300% Strain)	0.500	MPa	ASTM D412
Tensile Strength	4.00	MPa	ASTM D412
Tensile Elongation (Break)	1300	%	ASTM D412
Fill Analysis	Nominal Value	Unit	Test Method
Brookfield Viscosity - Toluene sol., 25% wt	600	mPa·s	ASTM D1084
Diblock Content	55.0	wt%	
Shelf Life	18	month	

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