

Polimeri Europa Europrene® SOL T 9133 Styrene - Isoprene Block Copolymer

Category : Polymer , Thermoplastic , Elastomer, TPE , Styrenic TPE

Material Notes:

Europrene® SOL T 9133 is a linear block copolymer obtained by anionic polymerization. The polymer is based on styrene and isoprene, where bound styrene content is 16% weight 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 adhesive for labels or high tack tapes. Information provided by Polimeri Europa. Mechanical properties measured on ASTM D 4703 compression molded samples.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Polimeri-Europa-Europrene-SOL-T-9133-Styrene-Isoprene-Block-Copolymer.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.920 g/cc	0.920 g/cc	ASTM D792
Brookfield Viscosity	0.060 cP	0.060 cP	Toluene sol., 25% wt; ASTM D1084
Melt Flow	14 g/10 min @Load 5.00 kg, Temperature 190 °C	14 g/10 min @Load 11.0 lb, Temperature 374 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	20	20	ASTM D2240
Tensile Strength at Break	4.00 MPa	580 psi	ASTM D412
Elongation at Break	1300 %	1300 %	ASTM D412
300% Modulus	0.000500 GPa	0.0725 ksi	ASTM D412

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