

Polimeri Europa Europrene® SOL T 9113 Styrene - Isoprene Block Copolymer

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

Material Notes:

Europrene® SOL T 9113 is a linear block copolymer obtained by anionic polymerization. The polymer is based on styrene and isoprene, where bound styrene content is 18% weight 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. 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-9113-Styrene-Isoprene-Block-Copolymer.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.920 g/cc	0.920 g/cc	ASTM D792
Brookfield Viscosity	0.090 cP	0.090 cP	Toluene sol., 25% wt; ASTM D1084
Melt Flow	12 g/10 min @Load 5.00 kg, Temperature 190 °C	12 g/10 min @Load 11.0 lb, Temperature 374 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	44	44	ASTM D2240
Tensile Strength at Break	20.0 MPa	2900 psi	ASTM D412
Elongation at Break	1000 %	1000 %	ASTM D412
300% Modulus	0.00130 GPa	0.189 ksi	ASTM D412

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