

Polimeri Europa Europrene® SOL T 6302 Styrene - Butadiene Block Copolymer

Category : Polymer , Thermoplastic , Styrene-Butadiene , Styrene/Butadiene/Styrene (SBS)

Material Notes:

Europrene® SOL T 6302 is a linear block copolymer obtained by anionic polymerization. The polymer is based on styrene and butadiene, where bound styrene is 30% weight. A non-staining antioxidant system is added during the production process. Key Features: Europrene® SOL T 6302 is a linear block copolymer, providing excellent mechanical properties, high strength and elasticity, combined with good dispersability and processability. Main Applications: Used in bitumen modification, particularly in road paving applications, in compounding for both footwear and technical goods, and in 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-6302-Styrene-Butadiene-Block-Copolymer.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.940 g/cc	0.940 g/cc	ASTM D792
Brookfield Viscosity	0.40 cP	0.40 cP	Toluene sol., 25% wt; ASTM D1084
Melt Flow	<= 1.0 g/10 min @Load 5.00 kg, Temperature 190 °C	<= 1.0 g/10 min @Load 11.0 lb, Temperature 374 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	80	80	ASTM D2240
Tensile Strength at Break	20.0 MPa	2900 psi	ASTM D412
Elongation at Break	750 %	750 %	ASTM D412
300% Modulus	0.00250 GPa	0.363 ksi	ASTM D412

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