

Polimeri Europa Europrene® SOL T 6306 Styrene - Butadiene Block Copolymer

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

Material Notes:

Europrene® SOL T 6306 is a radial block copolymer obtained by anionic polymerization. The polymer is based on styrene and butadiene, where bound styrene is 37% weight. A non-staining antioxidant system is added during the production process. Key Features: Europrene® SOL T 6306 is a block copolymer designed for bitumen modification in waterproofing membranes applications. The grade imparts excellent mechanical properties and elasticity to the modified bitumen. The radial structure and the high styrene block content assure outstanding performance under service conditions, particularly in the high temperature range. Main Applications: Bitumen modification in waterproofing systems, formulated compounds for shoe soles and technical goods. 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-6306-Styrene-Butadiene-Block-Copolymer.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.950 g/cc	0.950 g/cc	ASTM D792
Brookfield Viscosity	2.2 cP	2.2 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	90	90	ASTM D2240
Tensile Strength at Break	29.0 MPa	4210 psi	ASTM D412
Elongation at Break	1100 %	1100 %	ASTM D412
300% Modulus	0.00160 GPa	0.232 ksi	ASTM D412

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215, Fengxian District, Shanghai City, China