

Network Polymers SBS 1000 Clear Styrene Butadiene Copolymer

Category : Polymer , Thermoplastic , Acrylic (PMMA) , Polystyrene (PS) , Styrene-Butadiene , Styrene-Butadiene Copolymer, SBC

Material Notes:

Description: Clear Styrene Butadiene Copolymer Information provided by Network Polymers Inc.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Network-Polymers-SBS-1000-Clear-Styrene-Butadiene-Copolymer.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.01 g/cc	1.01 g/cc	ASTM D792
Linear Mold Shrinkage, Flow	0.0020 - 0.0060 cm/cm	0.0020 - 0.0060 in/in	ASTM D955
Melt Flow	11 g/10 min @Load 5.00 kg, Temperature 200 °C	11 g/10 min @Load 11.0 lb, Temperature 392 °F	Procedure A Condition G; ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	60 - 70	60 - 70	ASTM D2240
Tensile Strength at Break	22.8 MPa	3300 psi	chs 2 in/min; ASTM D638
Flexural Strength	37.2 MPa	5400 psi	Test Method I, Procedure B (chs speed 0.05 in/min); ASTM D790
Flexural Modulus	1.72 GPa	250 ksi	Test Method I, Procedure B (chs speed 0.05 in/min); ASTM D790
Izod Impact, Notched	0.267 J/cm	0.500 ft-lb/in	0.125 inch bar; ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	76.9 °C	170 °F	0.125 in bar; ASTM D648
Vicat Softening Point	90.7 °C	195 °F	0.125 inch bar, 1 Kg; ASTM D1525

Optical Properties	Metric	English	Comments
Transmission, Visible	90 %	90 %	clear; thickness not quantified

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