

PolyOne Synprene® RT-3890MS Thermoplastic Elastomer - SBC (discontinued **)

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

Material Notes:

Description/Features:High Performance Thermoplastic ElastomerUV StabilizedTranslucentApplications:Multi-PurposeMarket:Consumer GoodsProcessing Method:Injection MoldingPolyOne First ChoiceInformation provided by PolyOne Corporation.

Order this product through the following link:

http://www.lookpolymers.com/polymer_PolyOne-Synprene-RT-3890MS-Thermoplastic-Elastomer-SBC-nbspdiscontinued-.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.900 g/cc	0.900 g/cc	ASTM D792
	0.900 g/cc	0.900 g/cc	ASTM D792
Linear Mold Shrinkage	0.0090 cm/cm	0.0090 in/in	ASTM D955

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	33	33	10 Sec; ASTM D2240
	33	33	10 Sec; ASTM D2240
Tensile Strength, Yield	9.65 MPa	1400 psi	Method A (Dumbbell & Section), 20 in/min, Break; ASTM D412
	9.65 MPa	1400 psi	Method A (Dumbbell & Section), 20 in/min, Break; ASTM D412
	9.31 MPa @Strain 300 %	1350 psi @Strain 300 %	Method A (Dumbbell & Section), 20 in/min; ASTM D412
	9.31 MPa @Strain 300 %	1350 psi @Strain 300 %	Method A (Dumbbell & Section), 20 in/min; ASTM D412
Elongation at Break	300 %	300 %	Method A (Dumbbell & Section), 20 in/min; ASTM D412
	300 %	300 %	Method A (Dumbbell & Section), 20 in/min; ASTM D412
Rebound	30 %	30 %	Bayshore; ASTM D2632
Tear Strength	64.9 kN/m	370 pli	Die C (graves), 20 in/min; ASTM D624
	64.9 kN/m	370 pli	Die C (graves), 20 in/min; ASTM D624
Compression Set	41 %	41 %	Method B, 73°F(23°C), 22 hrs; ASTM D395
	41 %	41 %	Method B, 73°F(23°C), 22 hrs; ASTM

Mechanical Properties	Metric	English	D395 Comments
Thermal Properties	Metric	English	Comments
Brittleness Temperature	-60.0 °C	-76.0 °F	ASTM D746

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