

PolyOne Synprene® RT-5145D Thermoplastic Elastomer - SBC (discontinued **)

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

Material Notes:

Description/Features:High Performance Thermoplastic ElastomerNaturalIgnition ResistantApplications:Multi-PurposeMarket:Building and ConstructionConsumer GoodsIndustrialProcessing Method:Injection MoldingPolyOne First ChoiceInformation provided by PolyOne Corporation.

Order this product through the following link:

http://www.lookpolymers.com/polymer_PolyOne-Synprene-RT-5145D-Thermoplastic-Elastomer-SBC-nbspdiscontinued-.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.27 g/cc	1.27 g/cc	ASTM D792

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	45	45	10 Sec; ASTM D2240
Tensile Strength, Yield	14.5 MPa	2100 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
Elongation at Break	550 %	550 %	Method A (Dumbbell & Section), 20 in/min; ASTM D412
Rebound	36 %	36 %	Bayshore; ASTM D2632
Tear Strength	66.6 kN/m	380 pli	Die C (graves), 20 in/min; ASTM D624

Thermal Properties	Metric	English	Comments
Brittleness Temperature	-42.0 °C	-43.6 °F	ASTM D746
Flammability, UL94	V-0	V-0	Natural, 0.062 in thick; UL 94
Oxygen Index	27 %	27 %	0.062 in. bars; ASTM D2863

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