

PolyOne Synprene® IT 39-020 Thermoplastic Elastomer - SBC (discontinued **)

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

Material Notes:

Description/Features:High Performance Thermoplastic ElastomerWeatherable GradeApplications:Multi-PurposeMarket:Building and ConstructionConsumer GoodsIndustrialProcessing Method:Extrusion and MoldingPolyOne First ChoiceInformation provided by PolyOne Corporation.

Order this product through the following link:

http://www.lookpolymers.com/polymer_PolyOne-Synprene-IT-39-020-Thermoplastic-Elastomer-SBC-nbspdiscontinued-.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.950 g/cc	0.950 g/cc	ASTM D792
Linear Mold Shrinkage	0.0103 cm/cm	0.0103 in/in	ASTM D955

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	31	31	10 Sec; ASTM D2240
Tensile Strength, Yield	15.2 MPa	2200 psi	Method A (Dumbbell & Section), 20 in/min, Break; ASTM D412
	9.65 MPa @Strain 300 %	1400 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
Tear Strength	75.4 kN/m	430 pli	Die C (graves), 20 in/min; ASTM D624
Compression Set	32 %	32 %	Method B, 73°F(23°C), 22 hrs; ASTM D395

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