

PolyOne Synprene® IT 37-023 Thermoplastic Elastomer - SBC, Mineral Filled (discontinued **)

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

Material Notes:

Description/Features:Multi-Purpose Thermoplastic ElastomerMineral FilledApplications:General PurposeMarket:Consumer

GoodsIndustrialProcessing Method:Injection MoldingPolyOne First ChoiceInformation provided by PolyOne Corporation.

Order this product through the following link:

http://www.lookpolymers.com/polymer_PolyOne-Synprene-IT-37-023-Thermoplastic-Elastomer-SBC-Mineral-Filled-nbspdiscontinued-.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.82 g/cc	1.82 g/cc	ASTM D792
Linear Mold Shrinkage	0.00944 cm/cm	0.00944 in/in	ASTM D955

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	90	90	Instant; ASTM D2240
Tensile Strength, Yield	5.17 MPa	750 psi	Method A (Dumbbell & Section), 20 in/min, Break; ASTM D412
	4.00 MPa @Strain 300 %	580 psi @Strain 300 %	Method A (Dumbbell & Section), 20 in/min; ASTM D412
Elongation at Break	580 %	580 %	Method A (Dumbbell & Section), 20 in/min; ASTM D412
Tear Strength	27.2 kN/m	155 pli	Die C (graves), 20 in/min; ASTM D624

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