

PolyOne Synprene® RT-3640 Thermoplastic Elastomer - SBC (discontinued **)

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

Material Notes:

Description/Features:Multi-Purpose Thermoplastic ElastomerNaturalApplications:General PurposeInteriorMarket:Consumer GoodsIndustrialProcessing Method:Injection MoldingInformation provided by PolyOne Corporation.

Order this product through the following link:

http://www.lookpolymers.com/polymer_PolyOne-Synprene-RT-3640-Thermoplastic-Elastomer-SBC-nbspdiscontinued-.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.00 g/cc	1.00 g/cc	ASTM D792
Linear Mold Shrinkage	0.0060 cm/cm	0.0060 in/in	ASTM D955

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	40	40	Instant; ASTM D2240
Tensile Strength, Yield	4.14 MPa	600 psi	Method A (Dumbbell & Section), 20 in/min, Break; ASTM D412
Elongation at Break	245 %	245 %	Method A (Dumbbell & Section), 20 in/min; ASTM D412
Tear Strength	13.1 kN/m	75.0 pli	Die C (graves), 20 in/min; ASTM D624
Compression Set	15 %	15 %	Method B, 73°F(23°C), 22 hrs; ASTM D395

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