

PolyOne Synprene® RT-3605 Thermoplastic Elastomer - SBC (discontinued **)

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

Material Notes:

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

Order this product through the following link:

http://www.lookpolymers.com/polymer_PolyOne-Synprene-RT-3605-Thermoplastic-Elastomer-SBC-nbspdiscontinued-.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.910 g/cc	0.910 g/cc	ASTM D792

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	8.0	8.0	Instant; ASTM D2240
Tensile Strength, Yield	1.24 MPa	180 psi	Method A (Dumbbell & Section), 20 in/min, Break; ASTM D412
	0.207 MPa @Strain 300 %	30.0 psi @Strain 300 %	Method A (Dumbbell & Section), 20 in/min; ASTM D412
Elongation at Break	1000 %	1000 %	Method A (Dumbbell & Section), 20 in/min; ASTM D412
Tear Strength	5.78 kN/m	33.0 pli	Die C (graves), 20 in/min; ASTM D624
Compression Set	22 %	22 %	Method B, 73°F(23°C), 22 hrs; ASTM D395

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