

PolyOne Synprene® RT-4050 Thermoplastic Elastomer - SBC, Mineral Filled (discontinued **)

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

Material Notes:

Description/Features:Multi-Purpose Thermoplastic ElastomerMineral FilledApplications:Multi-PurposeMarket:AutomotiveBuilding and ConstructionIndustrialConsumer GoodsProcessing Method:ExtrusionPolyOne First ChoiceInformation provided by PolyOne Corporation.

Order this product through the following link:

http://www.lookpolymers.com/polymer_PolyOne-Synprene-RT-4050-Thermoplastic-Elastomer-SBC-Mineral-Filled-nbspdiscontinued-.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.14 g/cc	1.14 g/cc	ASTM D792

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	52	52	Instant; ASTM D2240
Tensile Strength, Yield	4.83 MPa	700 psi	Method A (Dumbbell & Section), 20 in/min, Break; ASTM D412
	2.55 MPa @Strain 300 %	370 psi @Strain 300 %	Method A (Dumbbell & Section), 20 in/min; ASTM D412
Elongation at Break	700 %	700 %	Method A (Dumbbell & Section), 20 in/min; ASTM D412
Tear Strength	17.5 kN/m	100 pli	Die C (graves), 20 in/min; ASTM D624
Compression Set	20 %	20 %	Method B, 73°F(23°C), 22 hrs; ASTM D395

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