

## PolyOne Synprene® RT-3760 Thermoplastic Elastomer - SBC, Mineral Filled (discontinued \*\*)

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

**Material Notes:**

Description/Features:Multi-Purpose Thermoplastic ElastomerMineral FilledNaturalApplications:General PurposeMarket:Consumer GoodsIndustrialBuilding and ConstructionProcessing Method:Injection MoldingInformation provided by PolyOne Corporation.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_PolyOne-Synprene-RT-3760-Thermoplastic-Elastomer-SBC-Mineral-Filled-nbspdiscontinued-.php](http://www.lookpolymers.com/polymer_PolyOne-Synprene-RT-3760-Thermoplastic-Elastomer-SBC-Mineral-Filled-nbspdiscontinued-.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.18 g/cc	1.18 g/cc	ASTM D792

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	63	63	Instant; ASTM D2240
Tensile Strength, Yield	5.31 MPa	770 psi	Method A (Dumbbell & Section), 20 in/min, Break; ASTM D412
	2.34 MPa @Strain 300 %	340 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
Rebound	38 %	38 %	Bayshore; ASTM D2632
Tear Strength	23.3 kN/m	133 pli	Die C (graves), 20 in/min; ASTM D624
Compression Set	24 %	24 %	Method B, 73°F(23°C), 22 hrs; ASTM D395

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