

## PolyOne Synprene® IT 702 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

GoodsIndustrialBuilding and ConstructionProcessing Method:Injection MoldingPolyOne First ChoiceInformation provided by PolyOne Corporation.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_PolyOne-Synprene-IT-702-Thermoplastic-Elastomer-SBC-Mineral-Filled-nbspdiscontinued-.php](http://www.lookpolymers.com/polymer_PolyOne-Synprene-IT-702-Thermoplastic-Elastomer-SBC-Mineral-Filled-nbspdiscontinued-.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.19 g/cc	1.19 g/cc	ASTM D792
Linear Mold Shrinkage	0.0113 cm/cm	0.0113 in/in	ASTM D955

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	64	64	Instant; ASTM D2240
Tensile Strength, Yield	5.86 MPa	850 psi	Method A (Dumbbell & Section), 20 in/min, Break; ASTM D412
	3.31 MPa @Strain 300 %	480 psi @Strain 300 %	Method A (Dumbbell & Section), 20 in/min; ASTM D412
Elongation at Break	665 %	665 %	Method A (Dumbbell & Section), 20 in/min; ASTM D412
Tear Strength	24.5 kN/m	140 pli	Die C (graves), 20 in/min; ASTM D624
Compression Set	25 %	25 %	Method B, 73°F(23°C), 22 hrs; ASTM D395
	35 %	35 %	Method B, 104°F(40°C), 22 hrs; ASTM D395

### Contact Songhan Plastic Technology Co.,Ltd.

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