

## PolyOne Synprene® IT 37-035 Thermoplastic Elastomer - SBC, Mineral Filled (discontinued \*\*)

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

**Material Notes:**

Description/Features:Multi-Purpose Thermoplastic ElastomerMineral FilledUV StabilizedApplications:General PurposeMarket:Consumer GoodsIndustrialProcessing Method:Injection MoldingPolyOne First ChoiceInformation provided by PolyOne Corporation.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_PolyOne-Synprene-IT-37-035-Thermoplastic-Elastomer-SBC-Mineral-Filled-nbspdiscontinued-.php](http://www.lookpolymers.com/polymer_PolyOne-Synprene-IT-37-035-Thermoplastic-Elastomer-SBC-Mineral-Filled-nbspdiscontinued-.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.00 g/cc	1.00 g/cc	ASTM D792
Linear Mold Shrinkage	0.013 cm/cm	0.013 in/in	ASTM D955

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	45	45	10 Sec; ASTM D2240
Tensile Strength, Yield	16.5 MPa	2400 psi	Method A (Dumbbell & Section), 20 in/min, Break; ASTM D412
	15.0 MPa @Strain 300 %	2170 psi @Strain 300 %	Method A (Dumbbell & Section), 20 in/min; ASTM D412
Elongation at Break	500 %	500 %	Method A (Dumbbell & Section), 20 in/min; ASTM D412
Tear Strength	94.7 kN/m	540 pli	Die C (graves), 20 in/min; ASTM D624

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