

## PolyOne Synprene® IT 36-021 NATURAL Thermoplastic Elastomer - SBC (discontinued \*\*)

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

**Material Notes:**

Description/Features:Specialty Thermoplastic ElastomerApplications: FDA (Food Contact)Processing Method: Injection

MoldingInformation provided by PolyOne Corporation

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_PolyOne-Synprene-IT-36-021-NATURAL-Thermoplastic-Elastomer-SBC-nbspdiscontinued-.php](http://www.lookpolymers.com/polymer_PolyOne-Synprene-IT-36-021-NATURAL-Thermoplastic-Elastomer-SBC-nbspdiscontinued-.php)

Physical Properties	Metric	English	Comments
Specific Gravity	0.940 g/cc	0.940 g/cc	ASTM D792

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	53	53	10 Sec; ASTM D2240
	58	58	Instant; ASTM D2240
Tensile Strength, Yield	6.21 MPa	900 psi	Method A (Dumbbell & Section), 20 in/min, Break; ASTM D412
	2.62 MPa @Strain 300 %	380 psi @Strain 300 %	Method A (Dumbbell & Section), 20 in/min; ASTM D412
Elongation at Break	900 %	900 %	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

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