

**PolyOne Synprene® IT 62-002 BLACK 2001 Thermoplastic Elastomer - SBC
(discontinued **)**

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

Material Notes:

Description/Features:Over-Molding GradeUV StabilizedApplications: Multi-PurposeProcessing Method: Injection MoldingInformation provided by PolyOne Corporation

Order this product through the following link:

http://www.lookpolymers.com/polymer_PolyOne-Synprene-IT-62-002-BLACK-2001-Thermoplastic-Elastomer-SBC-nbspdiscontinued-.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.990 g/cc	0.990 g/cc	ASTM D792
Linear Mold Shrinkage	0.017 cm/cm	0.017 in/in	ASTM D955

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	58	58	10 Sec; ASTM D2240
	64	64	Instant; ASTM D2240
Tensile Strength, Yield	4.76 MPa	690 psi	Method A (Dumbbell & Section), 20 in/min; Break; ASTM D412
	3.17 MPa	460 psi	Method A (Dumbbell & Section), 20 in/min; ASTM D412
	@Strain 100 %	@Strain 100 %	
Elongation at Break	4.48 MPa	650 psi	Method A (Dumbbell & Section), 20 in/min; ASTM D412
	@Strain 300 %	@Strain 300 %	
Tear Strength	20.7 kN/m	118 pli	Die C (graves), 20 in/min; ASTM D624

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