

PolyOne Synprene® ST-6350 Thermoplastic Elastomer - SBC (discontinued **)

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

Material Notes:

Description/Features:Over-Molding GradeApplications:Multi-PurposeProcessing Method:Injection MoldingPolyOne First

ChoiceInformation provided by PolyOne Corporation.

Order this product through the following link:

http://www.lookpolymers.com/polymer_PolyOne-Synprene-ST-6350-Thermoplastic-Elastomer-SBC-nbspdiscontinued-.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.900 g/cc	0.900 g/cc	ASTM D792

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	53	53	5 sec; ASTM D2240
Tensile Strength, Yield	6.07 MPa	880 psi	Method A (Dumbbell & Section), 20 in/min, Break; ASTM D412
	2.00 MPa @Strain 100 %	290 psi @Strain 100 %	Method A (Dumbbell & Section), 20 in/min; ASTM D412
	3.76 MPa @Strain 300 %	545 psi @Strain 300 %	Method A (Dumbbell & Section), 20 in/min; ASTM D412
Elongation at Break	570 %	570 %	Method A (Dumbbell & Section), 20 in/min; ASTM D412
Tear Strength	22.8 kN/m	130 pli	Die C (graves), 20 in/min; ASTM D624

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