

Multibase Multi-Flex[®] G 7940 TPE Styrene Ethylene Butylene Styrene Block Copolymer

Category : Polymer , Thermoplastic

Material Notes:

Features: Chemical Resistance, Good General Purpose Ozone Resistant Thermal Stability, Good Forms: Pellets Processing Method: Injection Molding Blow Molding Extrusion Uses: Automotive Applications Information provided by Multibase

Order this product through the following link:

http://www.lookpolymers.com/polymer_Multibase-Multi-Flex-G-7940-TPE-Styrene-Ethylene-Butylene-Styrene-Block-Copolymer.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.00 g/cc	1.00 g/cc	ASTM 792
Linear Mold Shrinkage	0.010 cm/cm	0.010 in/in	ASTM D955
Melt Flow	3.0 g/10 min @Load 2.16 kg, Temperature 230 °C	3.0 g/10 min @Load 4.76 lb, Temperature 446 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	95	95	10 seconds; ASTM D2240
Tensile Strength, Yield	12.4 MPa	1800 psi	ASTM D638
	11.0 MPa @Strain 300 %	1600 psi @Strain 300 %	ASTM D412
Elongation at Break	450 %	450 %	ASTM D638
Flexural Modulus	0.0427 GPa	6.20 ksi	ASTM D790
Tear Strength	84.1 kN/m	480 pli	ASTM D624
Compression Set	27 %	27 %	73 °F; ASTM D395

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