

Multibase Multi-Flex[®] G 7890 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-7890-TPE-Styrene-Ethylene-Butylene-Styrene-Block-Copolymer.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.910 g/cc	0.910 g/cc	ASTM 792
Linear Mold Shrinkage	0.012 cm/cm	0.012 in/in	ASTM D955
Melt Flow	2.0 g/10 min	2.0 g/10 min	ASTM D1238
	@Load 2.16 kg, Temperature 230 °C	@Load 4.76 lb, Temperature 446 °F	

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	95	95	10 seconds; ASTM D2240
Tensile Strength, Yield	15.2 MPa	2200 psi	ASTM D638
	13.8 MPa	2000 psi	ASTM D412
	@Strain 300 %	@Strain 300 %	
Elongation at Break	440 %	440 %	ASTM D638
Flexural Yield Strength	17.9 MPa	2600 psi	ASTM D790
Flexural Modulus	0.565 GPa	82.0 ksi	ASTM D790
Tear Strength	117 kN/m	670 pli	ASTM D624
Compression Set	50 %	50 %	73°F; ASTM D395

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