

Multibase Multi-Flex® A 8832 TPE Thermoplastic Elastomer

Category : Polymer , Thermoplastic , Elastomer, TPE

Material Notes:

Features: Chemical Resistance, Good Thermal Stability, Good Ozone Resistant Noise Damping Forms: Pellets Processing Method: Injection

Molding Uses: Automotive Applications Information provided by Multibase

Order this product through the following link:

http://www.lookpolymers.com/polymer_Multibase-Multi-Flex-A-8832-TPE-Thermoplastic-Elastomer.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.92 g/cc	1.92 g/cc	ASTM 792
Linear Mold Shrinkage	0.012 cm/cm	0.012 in/in	ASTM D955
Melt Flow	12 g/10 min @Load 2.16 kg, Temperature 230 °C	12 g/10 min @Load 4.76 lb, Temperature 446 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	93	93	10 seconds; ASTM D2240
Tensile Strength, Yield	5.52 MPa	800 psi	Elastic; ASTM D638
Elongation at Break	320 %	320 %	ASTM D638
Flexural Modulus	0.310 GPa	45.0 ksi	ASTM D790
Tear Strength	35.1 kN/m	200 pli	ASTM D624

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