

Multibase Multi-Flex[®] A 5703 TPE Thermoplastic Elastomer

Category : Polymer , Thermoplastic , Elastomer, TPE

Material Notes:

Features: Chemical Resistance, Good Heat Stabilized Ozone Resistant General Purpose Forms: Pellets Processing Method: Injection Molding

Information provided by Multibase

Order this product through the following link:

http://www.lookpolymers.com/polymer_Multibase-Multi-Flex-A-5703-TPE-Thermoplastic-Elastomer.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.910 g/cc	0.910 g/cc	ASTM 792
Melt Flow	0.50 g/10 min @Load 2.16 kg, Temperature 230 °C	0.50 g/10 min @Load 4.76 lb, Temperature 446 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	57	57	10 seconds; ASTM D2240
Tensile Strength, Yield	1.97 MPa	285 psi	at 100% secant; ASTM D638
	10.0 MPa	1450 psi	Elastic; ASTM D638
Elongation at Break	660 %	660 %	Elastic; ASTM D638
Tear Strength	33.3 kN/m	190 pli	ASTM D624

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