

Multibase Multi-Flex® A 7606 TPE Thermoplastic Elastomer

Category : Polymer , Thermoplastic , Elastomer, TPE

Material Notes:

Features: Chemical Resistance, Good Heat Stabilized Ozone Resistant General Purpose Friction, Low Processability, Good

Forms: Pellets Processing Method: Extrusion 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-7606-TPE-Thermoplastic-Elastomer.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.920 g/cc	0.920 g/cc	ASTM 792
Linear Mold Shrinkage	0.014 cm/cm	0.014 in/in	ASTM D955
Melt Flow	1.0 g/10 min @Load 2.16 kg, Temperature 230 °C	1.0 g/10 min @Load 4.76 lb, Temperature 446 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	70	70	10 seconds; ASTM D2240
Tensile Strength, Yield	2.72 MPa	395 psi	at 100% secant; ASTM D638
	12.8 MPa	1850 psi	Elastic; ASTM D638
Elongation at Break	730 %	730 %	ASTM D638
Tear Strength	43.8 kN/m	250 pli	ASTM D624
Compression Set	28 %	28 %	73°F, 70 hours; ASTM D395
	76 %	76 %	158°F, 70 hours; ASTM D395

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