

Multibase Multi-Flex[®] A 6221 TPE Thermoplastic Elastomer

Category : Polymer , Thermoplastic , Elastomer, TPE

Material Notes:

Features: Chemical Resistance, Good Thermal Stability, Good Ozone Resistant General Purpose Forms: Pellets Processing Method: Injection

Molding Uses: Automotive Applications Automotive Under the Hood Information provided by Multibase

Order this product through the following link:

http://www.lookpolymers.com/polymer_Multibase-Multi-Flex-A-6221-TPE-Thermoplastic-Elastomer.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.20 g/cc	1.20 g/cc	ASTM 792
Linear Mold Shrinkage	0.012 cm/cm	0.012 in/in	ASTM D955
Melt Flow	16 g/10 min @Load 2.16 kg, Temperature 230 °C	16 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	1.31 MPa	190 psi	at 100%; ASTM D638
	3.79 MPa	550 psi	Elastic; ASTM D638
Elongation at Break	650 %	650 %	Elastic; ASTM D638
Tear Strength	21.0 kN/m	120 pli	ASTM D624
Compression Set	26 %	26 %	73 °F, 70 hours; ASTM D395
	76 %	76 %	158 °F, 70 hours; ASTM D395

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