

Multibase Multi-Flex® A 6221 C TPE Thermoplastic Elastomer

Category : Polymer , Thermoplastic , Elastomer, TPE

Material Notes:

Forms: Pellets Information provided by Multibase

Order this product through the following link:

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

Physical Properties	Metric	English	Comments
Specific Gravity	1.18 g/cc	1.18 g/cc	ASTM 792
Linear Mold Shrinkage	0.014 cm/cm	0.014 in/in	ASTM D955
Linear Mold Shrinkage, Transverse	0.011 cm/cm	0.011 in/in	ASTM D955
Melt Flow	10 g/10 min @Load 2.16 kg, Temperature 230 °C	10 g/10 min @Load 4.76 lb, Temperature 446 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	62	62	10 seconds; ASTM D2240
Tensile Strength, Ultimate	5.17 MPa	750 psi	ASTM D638
Elongation at Break	650 %	650 %	ASTM D638
Flexural Modulus	0.0345 GPa	5.00 ksi	ASTM D790
Tear Strength	24.5 kN/m	140 pli	ASTM D624
Compression Set	17 %	17 %	73°F; ASTM D395

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