

Multibase Multi-Flex[®] D 4210 TPE Thermoplastic Elastomer

Category : Polymer , Thermoplastic , Elastomer , TPE

Material Notes:

Features: Chemical Resistance, Good Noise Damping Ozone Resistant Thermal Stability, Good Stiffness, Good 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-D-4210-TPE-Thermoplastic-Elastomer.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.98 g/cc	1.98 g/cc	ASTM 792
Linear Mold Shrinkage	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 D	46	46	10 seconds; ASTM D2240
Tensile Strength, Yield	6.21 MPa	900 psi	ASTM D638
Elongation at Break	250 %	250 %	ASTM D638
Flexural Modulus	0.414 GPa	60.0 ksi	ASTM D790
Tear Strength	40.3 kN/m	230 pli	ASTM D624

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