

Multibase Multi-Flex[®] D 4000 TPO Thermoplastic Polyolefin Elastomer

Category : Polymer , Thermoplastic , Elastomer, TPE , Polyolefin

Material Notes:

Forms: Pellets Processing Methods: Blow Molding Information provided by Multibase

Order this product through the following link:

http://www.lookpolymers.com/polymer_Multibase-Multi-Flex-D-4000-TPO-Thermoplastic-Polyolefin-Elastomer.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.900 g/cc	0.900 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 D	40	40	10 seconds; ASTM D2240
Tensile Strength, Yield	11.0 MPa	1600 psi	ASTM D638
Elongation at Break	900 %	900 %	ASTM D638
Flexural Modulus	0.214 GPa	31.0 ksi	ASTM D790
Tear Strength	87.7 kN/m	500 pli	ASTM D624

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