

Multibase Multi-Flex[®] D 5500 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-5500-TPO-Thermoplastic-Polyolefin-Elastomer.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.910 g/cc	0.910 g/cc	ASTM 792
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 D	55	55	10 seconds; ASTM D2240
Tensile Strength, Yield	21.7 MPa	3150 psi	Elastic; ASTM D638
Elongation at Break	850 %	850 %	ASTM D638
Flexural Modulus	0.607 GPa	88.0 ksi	ASTM D790
Tear Strength	158 kN/m	900 pli	ASTM D624

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