

Multibase Multi-Flex® D 5308 HF Black TPO Thermoplastic Polyolefin Elastomer

Category : Polymer , Thermoplastic , Elastomer, TPE , Polyolefin

Material Notes:

Forms: Pellets Information provided by Multibase

Order this product through the following link:

http://www.lookpolymers.com/polymer_Multibase-Multi-Flex-D-5308-HF-Black-TPO-Thermoplastic-Polyolefin-Elastomer.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.922 g/cc	0.922 g/cc	ASTM 792
Melt Flow	26 g/10 min @Load 2.16 kg, Temperature 230 °C	26 g/10 min @Load 4.76 lb, Temperature 446 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	53	53	10 seconds; ASTM D2240
Tensile Strength, Ultimate	13.79 MPa	2000 psi	
Elongation at Break	120 %	120 %	Elastic; ASTM D412
Flexural Modulus	0.524 GPa	76.0 ksi	Method I (3 point load), Procedure B); ASTM D790
Tear Strength	87.7 kN/m	500 pli	ASTM D624

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