

Multibase Multi-Flex® A 8814 Black TPE Thermoplastic Elastomer

Category : Polymer , Thermoplastic , Elastomer, TPE

Material Notes:

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

Order this product through the following link:

http://www.lookpolymers.com/polymer_Multibase-Multi-Flex-A-8814-Black-TPE-Thermoplastic-Elastomer.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.46 g/cc	1.46 g/cc	ASTM 792
Melt Flow	19.2 g/10 min @Load 2.16 kg, Temperature 230 °C	19.2 g/10 min @Load 4.76 lb, Temperature 446 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	93	93	10 seconds; ASTM D2240
Tensile Strength, Yield	4.97 MPa	721 psi	Elastic; ASTM D412
Elongation at Break	180 %	180 %	Elastic; ASTM D412
Flexural Modulus	0.293 GPa	42.5 ksi	1% Secant; ASTM D790
Tear Strength	35.1 kN/m	200 pli	ASTM D624

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