

Multibase Multi-Flex[®] A 7802 TPE Blk 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-7802-TPE-Blk-Thermoplastic-Elastomer.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.25 g/cc	1.25 g/cc	ASTM 792
Melt Flow	1.5 g/10 min @Load 2.16 kg, Temperature 230 °C	1.5 g/10 min @Load 4.76 lb, Temperature 446 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	82	82	10 seconds; ASTM D2240
Tensile Strength, Yield	8.96 MPa	1300 psi	Elastic; ASTM D412
Elongation at Break	650 %	650 %	Elastic; ASTM D412
Flexural Modulus	0.0655 GPa	9.50 ksi	Method I (3 point load), Procedure B); ASTM D790
Tear Strength	43.8 kN/m	250 pli	ASTM D624

Thermal Properties	Metric	English	Comments
Flammability, UL94	V-0	V-0	

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