

Multibase Multi-Flex® A 7727 HM 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-7727-HM-Black-TPE-Thermoplastic-Elastomer.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.25 g/cc	1.25 g/cc	ASTM 792
Melt Flow	5.97 g/10 min	5.97 g/10 min	ASTM D1238
	@Load 2.16 kg, Temperature 230 Â°C	@Load 4.76 lb, Temperature 446 Â°F	

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	43	43	10 seconds; ASTM D2240
Tensile Strength, Yield	10.1 MPa	1460 psi	Elastic; ASTM D412
Elongation at Break	480 %	480 %	Elastic; ASTM D412
Flexural Modulus	0.265 GPa	38.4 ksi	1% Secant; ASTM D790
Tear Strength	66.6 kN/m	380 pli	ASTM D624

Thermal Properties	Metric	English	Comments
Flame Spread	15 mm/min	0.60 in/min	FM VSS-302

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