

Multibase Multi-Flex[®] RP 6568 B2 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-RP-6568-B2-Black-TPE-Thermoplastic-Elastomer.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.952 g/cc	0.952 g/cc	ASTM 792
Melt Flow	2.8 g/10 min	2.8 g/10 min	ASTM D1238
	@Load 2.16 kg, Temperature 230 °C	@Load 4.76 lb, Temperature 446 °F	

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	53	53	10 seconds; ASTM D2240
Tensile Strength, Ultimate	4.32 MPa	627 psi	ASTM D412
	18.3 MPa	2650 psi	ASTM D412
	0.965 MPa @Temperature 80.0 °C	140 psi @Temperature 176 °F	ASTM D412
Elongation at Break	650 %	650 %	Elastic; ASTM D412

Thermal Properties	Metric	English	Comments
Brittleness Temperature	-60.0 °C	-76.0 °F	ASTM D746

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