

## Multibase Multi-Flex<sup>®</sup> A 7727 E 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-E-Black-TPE-Thermoplastic-Elastomer.php](http://www.lookpolymers.com/polymer_Multibase-Multi-Flex-A-7727-E-Black-TPE-Thermoplastic-Elastomer.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.24 g/cc	1.24 g/cc	ASTM 792
Melt Flow	1.45 g/10 min @Load 2.16 kg, Temperature 230 °C	1.45 g/10 min @Load 4.76 lb, Temperature 446 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	81	81	10 seconds; ASTM D2240
Tensile Strength, Yield	5.52 MPa	800 psi	Elastic; ASTM D412
Elongation at Break	600 %	600 %	Elastic; ASTM D412
Tear Strength	38.6 kN/m	220 pli	ASTM D624
Compression Set	72 %	72 %	158°F, 22 hours; ASTM D395

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