

## Multibase Multi-Flex<sup>®</sup> G 7827 Black TPE Styrene Ethylene Butylene Styrene Block Copolymer

Category : Polymer , Thermoplastic

**Material Notes:**

Forms: Pellets Processing Methods: Injection Molding Uses: Automotive Applications Information provided by Multibase

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Multibase-Multi-Flex-G-7827-Black-TPE-Styrene-Ethylene-Butylene-Styrene-Block-Copolymer.php](http://www.lookpolymers.com/polymer_Multibase-Multi-Flex-G-7827-Black-TPE-Styrene-Ethylene-Butylene-Styrene-Block-Copolymer.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.16 g/cc	1.16 g/cc	ASTM 792
Melt Flow	60 g/10 min @Load 2.16 kg, Temperature 230 °C	60 g/10 min @Load 4.76 lb, Temperature 446 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	89	89	10 seconds; ASTM D2240
Tensile Strength, Yield	10.3 MPa	1500 psi	ASTM D638
Elongation at Break	550 %	550 %	ASTM D638
Flexural Modulus	0.138 GPa	20.0 ksi	ASTM D790
Tear Strength	61.4 kN/m	350 pli	ASTM D624

Thermal Properties	Metric	English	Comments
Flame Spread	22.9 mm/min	0.902 in/min	FM VSS-302

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