

Multibase Multi-Flex® TPE G 7155 BLK

Category : Polymer , Thermoplastic , Elastomer, TPE , Thermoplastic Elastomer, Melt-Processible Rubber

Material Notes:

Multi-Flex® G 7155 is based on Shell's Kraton G technology, manufactured under the license of Shell. Multibase certifies that his product has been formulated with the same ingredients as manufactured by Shell, under the reference Kraton G 7155 and complies to the internal specifications of Shell/Multibase. The burn rate is 0.99 in/min (24.8 mm/min) based on ASTM FM VSS 302. Multi-Flex TPE contains Kraton™ G.Data provided by Multibase.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Multibase-Multi-Flex-TPE-G-7155-BLK.php

Physical Properties	Metric	English	Comments
Density	1.85 g/cc	0.0668 lb/in ³	ASTM D792
Linear Mold Shrinkage	0.010 cm/cm	0.010 in/in	ASTM D955
Melt Flow	4.2 g/10 min	4.2 g/10 min	(Condition L) ASTM D-1238

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	42	42	10 sec; ASTM D-2240
Tensile Strength, Ultimate	5.20 MPa	754 psi	ASTM D412
Elongation at Break	217 %	217 %	ASTM D412
Flexural Strength	6.10 MPa	885 psi	
Flexural Modulus	0.217 GPa	31.5 ksi	method 1, Proc.B; ASTM D-790
Tear Strength	31.5 kN/m	180 pli	ASTM D624

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