

Multibase Multi-Flex® TPE G 7680 NAT

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

Material Notes:

The burn rate is 1.2 in/min (30 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-7680-NAT.php

Physical Properties	Metric	English	Comments
Density	1.01 g/cc	0.0365 lb/in³	ASTM D792
Linear Mold Shrinkage	0.016 cm/cm	0.016 in/in	ASTM D955
Melt Flow	1.0 - 3.0 g/10 min	1.0 - 3.0 g/10 min	(Condition L) ASTM D-1238

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	54	54	10 sec; ASTM D-2240
Tensile Strength, Ultimate	14.3 MPa	2070 psi	ASTM D412
Elongation at Break	>= 600 %	>= 600 %	ASTM D412
Flexural Modulus	0.470 GPa	68.2 ksi	method 1, Proc.B; ASTM D-790
Tear Strength	>= 91.9 kN/m	>= 524 pli	ASTM D624

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