

Multibase Multi-Flex® TPO 1047-2000 GRAPHITE

Category : Polymer , Thermoplastic , Elastomer, TPE , Thermoplastic Olefinic Elastomer (TPO)

Material Notes:

The burn rate is 0.55 in/min; ASTM FM VSS 302.Data provided by Multibase.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Multibase-Multi-Flex-TPO-1047-2000-GRAPHITE.php

Physical Properties	Metric	English	Comments
Density	0.900 g/cc	0.0325 lb/in ³	ASTM D792-91
Linear Mold Shrinkage	0.010 cm/cm	0.010 in/in	ASTM D955-89
Melt Flow	3.0 g/10 min	3.0 g/10 min	(Condition L) ASTM D-1238-94a

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	41	41	10 sec; ASTM D-2240-95
Tensile Strength, Ultimate	12.8 MPa	1860 psi	ASTM D638-95
Elongation at Break	670 %	670 %	ASTM D638-95
Flexural Modulus	0.670 GPa	97.2 ksi	Method 1, Proc. B; ASTM D-790-95
Tear Strength	101 kN/m	576 pli	ASTM D624-95

Optical Properties	Metric	English	Comments
Gloss	61 %	61 %	ASTM D2457-90

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