

Multibase Multi-Flex® TPO 1047-1000 COMPOUND

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

Material Notes:

The burn rate is 0.53 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-1047-1000-COMPOUND.php

Physical Properties	Metric	English	Comments
Density	0.890 g/cc	0.0322 lb/in ³	ASTM D792-91
Linear Mold Shrinkage	0.0090 cm/cm	0.0090 in/in	ASTM D955-89
Melt Flow	2.8 g/10 min	2.8 g/10 min	(Condition L) ASTM D-1238-94a

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	46	46	10 sec; ASTM D-2240-95
Tensile Strength, Ultimate	12.8 MPa	1860 psi	ASTM D638-95
Elongation at Break	650 %	650 %	ASTM D638-95
Elongation at Yield	22 %	22 %	ASTM D638-95
Flexural Modulus	0.342 GPa	49.6 ksi	ASTM D790-95
Izod Impact, Notched	NB	NB	ASTM D-256-93a
Tear Strength	99.5 kN/m	568 pli	ASTM D624-95

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