

Multibase Multi-Flex® TPO 1047-3000

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-1047-3000.php

Physical Properties	Metric	English	Comments
Density	0.890 g/cc	0.0322 lb/in ³	ASTM D792-91
Linear Mold Shrinkage	0.010 cm/cm	0.010 in/in	ASTM D955-95
Melt Flow	1.8 g/10 min	1.8 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	12.3 MPa	1780 psi	ASTM D638-95
Elongation at Break	570 %	570 %	ASTM D638-95
Elongation at Yield	>= 23 %	>= 23 %	ASTM D638-95
Flexural Modulus	0.257 GPa	37.3 ksi	Secant 1%; ASTM D-790-95
Izod Impact, Notched	NB	NB	ASTM D-256-93a
Tear Strength	98.0 kN/m	559 pli	ASTM D624-95

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