

Multibase Multi-Flex® TPO 1047 (AH)

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-AH.php

Physical Properties	Metric	English	Comments
Density	0.900 g/cc	0.0325 lb/in ³	ASTM D792-91
Linear Mold Shrinkage	0.0090 cm/cm	0.0090 in/in	ASTM D955-89
Melt Flow	2.7 g/10 min	2.7 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	11.7 - 13.8 MPa	1700 - 2000 psi	ASTM D638-95
Elongation at Break	500 - 800 %	500 - 800 %	ASTM D638-95
Elongation at Yield	22 %	22 %	ASTM D638-95
Flexural Modulus	0.3427 GPa	49.71 ksi	Secant 1%; ASTM D-790-95
Izod Impact, Notched	NB	NB	ASTM D-256-93a

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