

Multibase Multi-Flex® TPO DEFA 1037

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

Material Notes:

Data provided by Multibase.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Multibase-Multi-Flex-TPO-DEFA-1037.php

Physical Properties	Metric	English	Comments
Density	0.900 g/cc	0.0325 lb/in ³	ASTM D792-91
Linear Mold Shrinkage	0.012 cm/cm	0.012 in/in	ASTM D955-89
Melt Flow	2.5 g/10 min	2.5 g/10 min	(Condition L) ASTM D-1238-94a

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	35	35	10 sec; ASTM D-2240-95
Tensile Strength, Ultimate	13.1 MPa	1900 psi	ASTM D638-95
Elongation at Break	500 %	500 %	ASTM D638-95
Elongation at Yield	24 %	24 %	ASTM D638-95
Flexural Modulus	0.2759 GPa	40.02 ksi	Secant 1%; ASTM D-790-95

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	46.0 °C	115 °F	ASTM D648-95

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