

Multibase Multi-Flex® TPO D-6510

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-D-6510.php

Physical Properties	Metric	English	Comments
Density	0.900 g/cc	0.0325 lb/in ³	ASTM D792-91
Linear Mold Shrinkage	0.013 cm/cm	0.013 in/in	ASTM D955-89
Melt Flow	10 g/10 min	10 g/10 min	(Condition L) ASTM D-1238-94a

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	65	65	10 sec; ASTM D-2240-95
Tensile Strength, Ultimate	19.3 MPa	2800 psi	ASTM D638-95
Elongation at Yield	20 %	20 %	ASTM D638-95
Flexural Modulus	0.0900 GPa	13.1 ksi	Method 1, Proc. B; ASTM D-790-95

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	70.0 °C	158 °F	ASTM D648-95
Brittleness Temperature	-43.0 °C	-45.4 °F	ASTM D746-95

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