

Multibase Multi-Flex® TPO D-6403

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

Material Notes:

Multi-Flex® D 6403 is a rubber modified polypropylene compound for automotive applications such as bumper-covers, step in pads, rubstrips, and airdams. Data provided by Multibase.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Multibase-Multi-Flex-TPO-D-6403.php

Physical Properties	Metric	English	Comments
Density	1.02 g/cc	0.0368 lb/in ³	ASTM D792-91
Linear Mold Shrinkage	0.010 cm/cm	0.010 in/in	ASTM D955-89
Melt Flow	3.0 g/10 min	3.0 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	20.7 MPa	3000 psi	ASTM D638-95
Elongation at Break	>= 300 %	>= 300 %	ASTM D638-95
Flexural Modulus	0.690 GPa	100 ksi	Method 1, Proc. B; ASTM D-790-95
Izod Impact, Notched	0.960 J/cm	1.80 ft-lb/in	ASTM D256-93a
Tear Strength	105 kN/m	599 pli	Die C; ASTM D-624-95

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