

Multibase Multi-Flex® TPO D 5305

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

Material Notes:

Multi-Flex® D 5303 is a TOP compound for automotive applications such as bumper covers and side panels. Data provided by Multibase.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Multibase-Multi-Flex-TPO-D-5305.php

Physical Properties	Metric	English	Comments
Density	1.06 g/cc	0.0383 lb/in ³	ASTM D792-91
Melt Flow	5.0 g/10 min	5.0 g/10 min	(Condition L) ASTM D-1238-94a

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	54	54	10 sec; ASTM D-2240-95
Tensile Strength, Ultimate	17.9 MPa	2600 psi	20" / min.; ASTM D-683-95
Elongation at Break	260 %	260 %	ASTM D638-95
Flexural Modulus	1.021 GPa	148.1 ksi	Method 1, Proc. B; ASTM D-790-95
Izod Impact, Notched	NB	NB	ASTM D-256-93a
Gardner Impact	20.9 J	15.4 ft-lb	ASTM D5420

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