

Multibase Multi-Flex® TPO D 3105

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

Material Notes:

The following is the actual data obtained from the above sample number. This material is based on new generation TPO technology. It has been designed for use as the first shot for airbag covers. Data provided by Multibase.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Multibase-Multi-Flex-TPO-D-3105.php

Physical Properties	Metric	English	Comments
Density	0.904 g/cc	0.0327 lb/in ³	ASTM D792-91
Linear Mold Shrinkage	0.0124 cm/cm	0.0124 in/in	ASTM D955-95
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	39	39	10 sec; ASTM D-2240-95
Tensile Strength, Ultimate	15.8 MPa	2290 psi	ASTM D638-95
Elongation at Break	540 %	540 %	ASTM D638-95
Flexural Modulus	0.177 GPa	25.7 ksi	Method 1, Proc. B; ASTM D-790-95
Izod Impact, Notched	NB	NB	ASTM D-256-93a
Tear Strength	84.0 kN/m	479 pli	ASTM D624-95

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