

Multibase Multi-Flex® TPO D 4508 D 4508

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

Material Notes:

This product is suitable for airbag enclosures and is based on polyolefins/kraton rubber, exhibiting good paintability and low temperature performance. Data provided by Multibase.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Multibase-Multi-Flex-TPO-D-4508-D-4508.php

Physical Properties	Metric	English	Comments
Density	0.900 g/cc	0.0325 lb/in ³	ASTM D792-91
Melt Flow	2.0 g/10 min	2.0 g/10 min	(Condition L) ASTM D-1238-94a

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	45	45	10 sec; ASTM D-2240-95
Tensile Strength, Ultimate	14.5 MPa	2100 psi	20" / min.; ASTM D-683-95
Elongation at Break	>= 1300 %	>= 1300 %	ASTM D638-95
Flexural Modulus	0.2345 GPa	34.01 ksi	Method 1, Proc. B; ASTM D-790-95
Izod Impact, Notched	NB	NB	ASTM D-256-93a
Gardner Impact	18.1 J	13.3 ft-lb	No break; ASTM D5420-95

Thermal Properties	Metric	English	Comments
Melting Point	138 °C	280 °F	
Glass Transition Temp, Tg	-35.0 °C	-31.0 °F	

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