

Multibase Multi-Flex® TPE D 4107

Category : Polymer , Thermoplastic , Elastomer, TPE , Thermoplastic Elastomer, Melt-Processible Rubber

Material Notes:

This product is UV stabilized for automotive applications, like fender guards and airbags. The Xenon Arc is 2.5 Delta E, ASTM SAE J1960 1240 KJ/m². Passes Impact resistance test ASTM GM 9032 P at 3.4 J at -30°C. Multi-Flex TPE contains Kraton™ G. Data provided by Multibase.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Multibase-Multi-Flex-TPE-D-4107.php

Physical Properties	Metric	English	Comments
Density	0.910 g/cc	0.0329 lb/in³	ASTM D792
Melt Flow	6.0 - 12 g/10 min	6.0 - 12 g/10 min	(Condition L) ASTM D-1238

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	41	41	10 sec; ASTM D-2240
Tensile Strength, Ultimate	10.3 - 14.5 MPa	1490 - 2100 psi	ASTM D638
Elongation at Break	500 - 700 %	500 - 700 %	ASTM D638
Flexural Strength	6.90 - 8.60 MPa	1000 - 1250 psi	ASTM D790
Tear Strength Test	65 - 88	65 - 88	ASTM D624

Optical Properties	Metric	English	Comments
Gloss	34 - 42 %	34 - 42 %	

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