

Multibase Multi-Flex® TPE D 4310

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

Material Notes:

Multi-Flex® D 4310 Natural was designed to replace Himont's CA 53 G material. 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-4310.php

Physical Properties	Metric	English	Comments
Density	0.910 g/cc	0.0329 lb/in ³	ASTM D792
Linear Mold Shrinkage	0.0129 cm/cm	0.0129 in/in	ASTM D955
Melt Flow	7.5 g/10 min	7.5 g/10 min	(Condition L) ASTM D-1238

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	51	51	10 sec; ASTM D-2240
Tensile Strength, Ultimate	17.2 MPa	2490 psi	ASTM D638
Elongation at Break	1300 %	1300 %	ASTM D638
Flexural Strength	14.0 MPa	2030 psi	ASTM D790
Flexural Modulus	0.445 GPa	64.5 ksi	method 1, Proc.B; ASTM D-790
Gardner Impact	23.2 J	17.1 ft-lb	ASTM D3029
Tear Strength	96.3 kN/m	549 pli	ASTM D624

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