

Multibase Multi-Flex® TPE D 4210 BLK

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

Material Notes:

The burn rate is 1 in/min (25 mm/min) based on ASTM FM VSS 302. 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-4210-BLK.php

Physical Properties	Metric	English	Comments
Density	1.87 g/cc	0.0676 lb/in ³	ASTM D792
Linear Mold Shrinkage	0.013 cm/cm	0.013 in/in	ASTM D955
Melt Flow	8.0 - 15 g/10 min	8.0 - 15 g/10 min	(Condition L) ASTM D-1238

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	38	38	10 sec; ASTM D-2240
Tensile Strength, Ultimate	>= 4.50 MPa	>= 653 psi	ASTM D412
Elongation at Break	>= 190 %	>= 190 %	ASTM D412
Flexural Modulus	0.241 GPa	35.0 ksi	method 1, Proc.B; ASTM D-790
Tear Strength	>= 27.2 kN/m	>= 155 pli	ASTM D624

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