

Multibase Multi-Flex® TPE A 8502 CLASSY GREY

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

Material Notes:

Heating aging the material 1000 hours at 125°C leads to a +7% change in the tensile strength, +4% change in elongation, and +12% change in tear strength. Ash is 15%. 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-A-8502-CLASSY-GREY.php

Physical Properties	Metric	English	Comments
Density	1.007 g/cc	0.03638 lb/in ³	ASTM D792
Melt Flow	2.8 g/10 min	2.8 g/10 min	(Condition L) ASTM D-1238

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	83	83	10 sec; ASTM D-2240
Tensile Strength, Ultimate	9.30 MPa	1350 psi	ASTM D638
Elongation at Break	675 %	675 %	ASTM D638
Flexural Strength	2.40 MPa	348 psi	1% Sec; ASTM D-790-92
Flexural Modulus	0.0672 GPa	9.75 ksi	1% Sec; ASTM D-790-92
Tear Strength	49.0 kN/m	280 pli	ASTM D624

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