

Multibase Multi-Flex® TPE A 8502 EXCEL 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 16%. 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-EXCEL-GREY.php

Physical Properties	Metric	English	Comments
Density	0.992 g/cc	0.0358 lb/in ³	ASTM D792
Melt Flow	4.3 g/10 min	4.3 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	13.7 MPa	1990 psi	ASTM D638
Elongation at Break	730 %	730 %	ASTM D638
Flexural Strength	2.60 MPa	377 psi	1% Sec; ASTM D-790-92
Flexural Modulus	0.0828 GPa	12.0 ksi	1% Sec; ASTM D-790-92
Tear Strength	53.4 kN/m	305 pli	ASTM D624

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