

Multibase Multi-Flex® TPE A 8699 BLK

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

Material Notes:

Multi-Flex® A 8699 is a TPE compound based on Kraton G polymer. It is used as medium density acoustic for noise abatement in the auto industry. 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-8699-BLK.php

Physical Properties	Metric	English	Comments
Density	1.49 g/cc	0.0538 lb/in ³	ASTM D792
Linear Mold Shrinkage	0.0080 cm/cm	0.0080 in/in	ASTM D955
Melt Flow	1.1 g/10 min	1.1 g/10 min	(Condition L) ASTM D-1238

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	86	86	10 sec; ASTM D-2240
Tensile Strength, Ultimate	3.70 MPa	537 psi	ASTM D412
Elongation at Break	180 %	180 %	ASTM D412
Flexural Strength	3.30 MPa	479 psi	
Flexural Modulus	0.0848 GPa	12.3 ksi	method 1, Proc.B; ASTM D-790
Tear Strength	38.5 kN/m	220 pli	ASTM D624

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