

Multibase Multi-Flex® TPE G 7821

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

Material Notes:

Multi-Flex® high heat compounds are a new generations elastomers exhibiting improved compression set at elevated temperature. Multi-Flex® TPE compounds are based on Kraton G technology and feature excellent heat and ozone resistance. These products cover a wide temperature span from -50°C to 150°C. 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-G-7821.php

Physical Properties	Metric	English	Comments
Density	1.01 g/cc	0.0365 lb/in ³	ASTM D792
Melt Flow	3.0 g/10 min	3.0 g/10 min	(Condition L) ASTM D-1238

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	87	87	10 sec; ASTM D-2240
Tensile Strength, Ultimate	9.00 MPa	1310 psi	ASTM D638
Elongation at Break	660 %	660 %	ASTM D638
Flexural Modulus	0.0517 GPa	7.50 ksi	Secant 1%; ASTM D-790
Compression Set	20 %	20 %	for 22 hours at 23°C; ASTM 395
	30 %	30 %	22 hours at 70°C; ASTM 395
	@Temperature 70.0 °C	@Temperature 158 °F	
	48 %	48 %	22 hours at 100°C; ASTM 395
	@Temperature 100 °C	@Temperature 212 °F	

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