

Multibase Multi-Flex® TPE A 8502 LC BLK

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

Material Notes:

Multi-Flex® LC compounds are a new generation elastomers exhibiting improved compression set at elevated temperature. Multi-Flex® TPE compounds are based on Shell's Kraton G technology and feature excellent heat and ozone resistance in addition to good low temperature performance. 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-LC-BLK.php

Physical Properties	Metric	English	Comments
Density	1.01 g/cc	0.0365 lb/in ³	ASTM D792
Linear Mold Shrinkage	0.013 cm/cm	0.013 in/in	ASTM D955
Linear Mold Shrinkage, Transverse	0.013 cm/cm	0.013 in/in	ASTM D955
Melt Flow	3.0 g/10 min @Load 5.00 kg, Temperature 230 °C	3.0 g/10 min @Load 11.0 lb, Temperature 446 °F	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	600 %	600 %	ASTM D638
Flexural Modulus	0.0520 GPa	7.54 ksi	method 1, Proc.B; ASTM D-790
Tear Strength	42.0 kN/m	240 pli	ASTM D624
Compression Set	20 %	20 %	for 70 hours at 23°C; ASTM 395
	30 % @Temperature 70.0 °C	30 % @Temperature 158 °F	for 70 hours at 70°C; ASTM 395
	48 % @Temperature 100 °C	48 % @Temperature 212 °F	70 hours at 100°C; ASTM 395

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215, Fengxian District, Shanghai City, China