

## Multibase Multi-Flex® TPE A 8002 BLK

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

**Material Notes:**

Multi-Flex® TPE 8002 is based on Shell's Kraton G polymer technology and is widely used in the automotive industry for applications requiring elastomeric performance with excellent ozone resistance. 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-8002-BLK.php](http://www.lookpolymers.com/polymer_Multibase-Multi-Flex-TPE-A-8002-BLK.php)

Physical Properties	Metric	English	Comments
Density	1.01 g/cc	0.0365 lb/in <sup>3</sup>	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	2.0 g/10 min @Load 5.00 kg, Temperature 230 °C	2.0 g/10 min @Load 11.0 lb, Temperature 446 °F	ASTM D-1238

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	80	80	10 sec; ASTM D-2240
Tensile Strength, Ultimate	11.0 MPa	1600 psi	ASTM D638
Elongation at Break	>= 1000 %	>= 1000 %	ASTM D638
Flexural Modulus	0.0345 GPa	5.00 ksi	method 1, Proc.B; ASTM D-790
Tear Strength	51.0 kN/m	291 pli	ASTM D624
Compression Set	22 %	22 %	for 70 hours at 23°C; ASTM 395
	55 % @Temperature 70.0 °C	55 % @Temperature 158 °F	for 70 hours at 70°C; ASTM 395
	76 % @Temperature 100 °C	76 % @Temperature 212 °F	70 hours at 100°C; ASTM 395

## Contact Songhan Plastic Technology Co.,Ltd.

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