

## Multibase Multi-Flex® TPE D 4502 BLK

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

### Material Notes:

Multi-Flex® D 4502 is based on Shell's Kraton G polymer and is suitable for applications for the automotive industry. It exhibits excellent paintability adhesion and is recommended as substrate for overmolding airbag covers. 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-D-4502-BLK.php](http://www.lookpolymers.com/polymer_Multibase-Multi-Flex-TPE-D-4502-BLK.php)

Physical Properties	Metric	English	Comments
Density	0.920 g/cc	0.0332 lb/in <sup>3</sup>	ASTM D792
Melt Flow	2.0 g/10 min	2.0 g/10 min	(Condition L) ASTM D-1238

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	45	45	10 sec; ASTM D-2240
Tensile Strength, Ultimate	14.5 MPa	2100 psi	ASTM D638
Elongation at Break	>= 1000 %	>= 1000 %	ASTM D412
Flexural Modulus	0.234 GPa	33.9 ksi	method 1, Proc.B; ASTM D-790
Gardner Impact	18.1 J	13.3 ft-lb	No Break at 18.1 J; ASTM D-3029

Thermal Properties	Metric	English	Comments
Melting Point	138 °C	280 °F	
Glass Transition Temp, Tg	-35.0 °C	-31.0 °F	

## Contact Songhan Plastic Technology Co.,Ltd.

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