

## Multibase Multi-Flex® TPO D 4502 C Black

Category : Polymer , Thermoplastic , Elastomer, TPE , Thermoplastic Olefinic Elastomer (TPO)

### Material Notes:

Multi-Flex® D 4502 Black is based on Shell's Kraton G polymer and is suitable for applications for the automotive industry. It exhibits excellent paintability/adhesion. Data provided by Multibase.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Multibase-Multi-Flex-TPO-D-4502-C-Black.php](http://www.lookpolymers.com/polymer_Multibase-Multi-Flex-TPO-D-4502-C-Black.php)

Physical Properties	Metric	English	Comments
Density	0.890 g/cc	0.0322 lb/in <sup>3</sup>	ASTM D792-91
Linear Mold Shrinkage	0.010 cm/cm	0.010 in/in	ASTM D955-89
Melt Flow	2.5 g/10 min	2.5 g/10 min	(Condition L) ASTM D-1238-94a

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	46	46	10 sec; ASTM D-2240-95
Tensile Strength, Ultimate	12.8 MPa	1860 psi	20" / min.; ASTM D-683-95
Elongation at Break	450 %	450 %	ASTM D638-95
Elongation at Yield	20 %	20 %	ASTM D638-95
Flexural Modulus	0.496 GPa	71.9 ksi	Method 1, Proc. B; ASTM D-790-95
Tear Strength	96.3 kN/m	549 pli	ASTM D624-95

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	75.0 °C	167 °F	ASTM D648-95

## Contact Songhan Plastic Technology Co.,Ltd.

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