

## Multibase Multi-Flex® TPO D-6507

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

### Material Notes:

Multibase Multi-Flex® D 6507 is a mineral filled TPO polypropylene compound designed for applications requiring high impact and moderate stiffness. Data provided by Multibase.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Multibase-Multi-Flex-TPO-D-6507.php](http://www.lookpolymers.com/polymer_Multibase-Multi-Flex-TPO-D-6507.php)

Physical Properties	Metric	English	Comments
Density	1.23 g/cc	0.0444 lb/in <sup>3</sup>	ASTM D792-91
Melt Flow	7.0 g/10 min	7.0 g/10 min	(Condition L) ASTM D-1238-94a

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	65	65	10 sec; ASTM D-2240-95
Tensile Strength, Ultimate	16.8 MPa	2440 psi	ASTM D638-95
Elongation at Break	830 %	830 %	ASTM D638-95
Flexural Modulus	1.448 GPa	210.0 ksi	Method 1, Proc. B; ASTM D-790-95
Izod Impact, Notched	0.920 J/cm	1.72 ft-lb/in	ASTM D256-93a
Gardner Impact	15.8 J	11.7 ft-lb	ASTM D5420-93

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	110 °C	230 °F	ASTM D648-95

## Contact Songhan Plastic Technology Co.,Ltd.

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