

## Multibase Multi-Pro® 0505 RC Black 5.2% Glass Filled Polypropylene

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene with 10% Glass Fiber Filler

### Material Notes:

This product was specially designed for one customer's glass filled polypropylene application. Data provided by Multibase.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Multibase-Multi-Pro-0505-RC-Black-52-Glass-Filled-Polypropylene.php](http://www.lookpolymers.com/polymer_Multibase-Multi-Pro-0505-RC-Black-52-Glass-Filled-Polypropylene.php)

Physical Properties	Metric	English	Comments
Density	0.948 g/cc	0.0342 lb/in <sup>3</sup>	ASTM D792-91
Linear Mold Shrinkage	0.0090 cm/cm	0.0090 in/in	ASTM D955-89
Melt Flow	4.0 g/10 min	4.0 g/10 min	(Condition L) ASTM D-1238-94a

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	44.8 MPa	6500 psi	ASTM D638-95
Elongation at Break	34 %	34 %	ASTM D638-95
Flexural Strength	50.3 MPa	7300 psi	ASTM D790-95
Flexural Modulus	1.661 GPa	240.9 ksi	Method 1, Proc. B; ASTM D-790-95
Izod Impact, Notched	0.460 J/cm	0.862 ft-lb/in	ASTM D256-93a
Gardner Impact	3.40 J	2.51 ft-lb	ASTM D5420-93

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	65.0 °C	149 °F	ASTM D648-95
Deflection Temperature at 1.8 MPa (264 psi)	46.0 °C	115 °F	ASTM D648-95

## Contact Songhan Plastic Technology Co.,Ltd.

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