

Multibase Multi-Pro® 4003 RC 40% Glass Filled Polypropylene

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene with 40% Glass Fiber Filler

Material Notes:

Multi-Pro 4003 RC is a chemically coupled glass reinforced polypropylene compound suitable for engineered plastics applications due to its high heat, flexural and impact properties. Data provided by Multibase.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Multibase-Multi-Pro-4003-RC-40-Glass-Filled-Polypropylene.php

Physical Properties	Metric	English	Comments
Density	1.24 g/cc	0.0448 lb/in ³	ASTM D792-91
Linear Mold Shrinkage	0.0030 cm/cm	0.0030 in/in	ASTM D955-89
Melt Flow	3.0 g/10 min	3.0 g/10 min	(Condition L) ASTM D-1238-94a

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	83	83	10 sec; ASTM D-2240-95
Tensile Strength, Ultimate	79.3 MPa	11500 psi	ASTM D638-95
Elongation at Break	3.0 %	3.0 %	ASTM D638-95
Flexural Strength	75.9 MPa	11000 psi	ASTM D790-95
Flexural Modulus	6.207 GPa	900.3 ksi	Method 1, Proc. B; ASTM D-790-95
Izod Impact, Notched	0.850 J/cm	1.59 ft-lb/in	ASTM D256-93a
Gardner Impact	0.300 J	0.221 ft-lb	ASTM D5420-93

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	164 °C	327 °F	ASTM D648-95
Deflection Temperature at 1.8 MPa (264 psi)	149 °C	300 °F	ASTM D648-95

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China

