

Diamond Polymers NPP30-0400 MGF30 30% Mineral & Glass Filled Homopolymer Polypropylene

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene, Glass/Mineral Reinforced

Material Notes:

Information Provided by Diamond Polymers, Inc. & Network Polymers, Inc.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Diamond-Polymers-NPP30-0400-MGF30-30-Mineral-Glass-Filled-Homopolymer-Polypropylene.php

Physical Properties	Metric	English	Comments
Density	1.14 g/cc	0.0412 lb/in ³	ASTM D792
Filler Content	28 - 32 %	28 - 32 %	ASTM D2584
Linear Mold Shrinkage	0.0040 cm/cm	0.0040 in/in	ASTM D955
Melt Flow	4.0 g/10 min @Load 2.16 kg, Temperature 230 °C	4.0 g/10 min @Load 4.76 lb, Temperature 446 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	52.0 MPa	7540 psi	chs 2.0 in/min; ASTM D638
Flexural Modulus	5.241 GPa	760.1 ksi	chs 0.05 in/min; ASTM D790
Izod Impact, Notched	0.430 J/cm @Thickness 3.17 mm	0.806 ft-lb/in @Thickness 0.125 in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	148 °C	298 °F	0.125";, ASTM D648
Deflection Temperature at 1.8 MPa (264 psi)	117 °C	243 °F	0.125";, ASTM D648

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