

## Diamond Polymers NPP30-2400 GF20 20% Glass Filled Homopolymer Polypropylene

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene with 20% Glass Fiber Filler

**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-NPP30-2400-GF20-20-Glass-Filled-Homopolymer-Polypropylene.php](http://www.lookpolymers.com/polymer_Diamond-Polymers-NPP30-2400-GF20-20-Glass-Filled-Homopolymer-Polypropylene.php)

Physical Properties	Metric	English	Comments
Density	1.05 g/cc	0.0379 lb/in <sup>3</sup>	ASTM D792
Melt Flow	24 g/10 min @Load 2.16 kg, Temperature 230 °C	24 g/10 min @Load 4.76 lb, Temperature 446 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	70.0 MPa	10200 psi	chs 0.2 in/min; ASTM D638
Elongation at Yield	3.0 %	3.0 %	chs 0.2 in/min; ASTM D638
Flexural Modulus	3.541 GPa	513.6 ksi	ASTM D790
Izod Impact, Notched	0.900 J/cm @Thickness 3.17 mm	1.69 ft-lb/in @Thickness 0.125 in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	155 °C	311 °F	0.125";; ASTM D648

Descriptive Properties	Value	Comments
Glass Content (%)	20	ASTM D2584

### Contact Songhan Plastic Technology Co.,Ltd.

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