

## Diamond Polymers NPP25-0504LGF40 40% Long Glass Fiber Filled Copolymer Polypropylene

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene Copolymer , Polypropylene with 40% 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-NPP25-0504LGF40-40-Long-Glass-Fiber-Filled-Copolymer-Polypropylene.php](http://www.lookpolymers.com/polymer_Diamond-Polymers-NPP25-0504LGF40-40-Long-Glass-Fiber-Filled-Copolymer-Polypropylene.php)

Physical Properties	Metric	English	Comments
Density	1.21 g/cc	0.0437 lb/in <sup>3</sup>	ASTM D792

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	110 MPa	16000 psi	chs 2.0 in/min; ASTM D638
Elongation at Break	2.5 %	2.5 %	chs 2.0 in/min; ASTM D638
Flexural Modulus	7.584 GPa	1100 ksi	chs 0.05 in/min; tangent; ASTM D790
Izod Impact, Notched	2.25 J/cm @Thickness 3.17 mm	4.22 ft-lb/in @Thickness 0.125 in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	154 °C	309 °F	0.125";; ASTM D648

Descriptive Properties	Value	Comments
Glass Content (%)	40	ASTM D2584

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

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