

## Diamond Polymers NPP25-1503 GF30 30% Glass Filled Copolymer Polypropylene

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene Copolymer , Polypropylene with 30% 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-NPP25-1503-GF30-30-Glass-Filled-Copolymer-Polypropylene.php](http://www.lookpolymers.com/polymer_Diamond-Polymers-NPP25-1503-GF30-30-Glass-Filled-Copolymer-Polypropylene.php)

| Physical Properties | Metric   | English  | Comments   |
|---------------------|--|--|------------|
| Density             | 1.10 g/cc  | 0.0397 lb/in <sup>3</sup>                            | ASTM D792  |
| Melt Flow           | 6.0 g/10 min<br>@Load 2.16 kg,<br>Temperature 230 °C | 6.0 g/10 min<br>@Load 4.76 lb,<br>Temperature 446 °F | ASTM D1238 |
| Ash                 | 28 - 32 %  | 28 - 32 %  | ASTM D5630 |

| Mechanical Properties     | Metric                           | English                              | Comments                   |
|---------------------------|----------------------------------|--------------------------------------|----------------------------|
| Tensile Strength at Break | 45.2 MPa                         | 6560 psi                             | chs 2.0 in/min; ASTM D638  |
| Elongation at Break       | 1.3 %                            | 1.3 %                                | chs 2.0 in/min; ASTM D638  |
| Flexural Modulus          | 4.602 GPa                        | 667.5 ksi                            | chs 0.05 in/min; ASTM D790 |
| Izod Impact, Notched      | 0.587 J/cm<br>@Thickness 3.17 mm | 1.10 ft-lb/in<br>@Thickness 0.125 in | ASTM D256                  |

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

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