

## PlastxWorld Veroplas PA3150 Nylon 6

Category : Polymer , Thermoplastic , Nylon , Nylon 6 , Nylon 6 , 20% Glass Fiber Filled

### Material Notes:

general purpose, 15% glass filled injection molding grade Information provided by PlastxWorld Inc.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_PlastxWorld-Veroplas-PA3150-Nylon-6.php](http://www.lookpolymers.com/polymer_PlastxWorld-Veroplas-PA3150-Nylon-6.php)

| Physical Properties                | Metric       | English                   | Comments     |
|------------------------------------|--------------|---------------------------|--------------|
| Density                            | 1.23 g/cc    | 0.0444 lb/in <sup>3</sup> |              |
| Moisture Absorption at Equilibrium | <= 0.17 %    | <= 0.17 %                 | Karl Fischer |
| Linear Mold Shrinkage              | 0.0080 cm/cm | 0.0080 in/in              | ASTM D955    |

| Mechanical Properties   | Metric     | English       | Comments  |
|-------------------------|------------|---------------|-----------|
| Tensile Strength, Yield | 100 MPa    | 14500 psi     | ASTM D638 |
| Elongation at Break     | 7.0 %      | 7.0 %         | ASTM D638 |
| Flexural Yield Strength | 120 MPa    | 17400 psi     | ASTM D790 |
| Flexural Modulus        | 4.60 GPa   | 667 ksi       | ASTM D790 |
| Izod Impact, Notched    | 0.998 J/cm | 1.87 ft-lb/in | ASTM D256 |

| Thermal Properties                          | Metric | English | Comments      |
|---------------------------------------------|--------|---------|---------------|
| Deflection Temperature at 1.8 MPa (264 psi) | 171 °C | 340 °F  | ASTM D648     |
| Vicat Softening Point                       | 210 °C | 410 °F  | ASTM D1525    |
| Glow Wire Test                              | 649 °C | 1200 °F | UNE 20-672-83 |

## Contact Songhan Plastic Technology Co.,Ltd.

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