

PlastxWorld Veroplas PB3150 Nylon 66

Category : Polymer , Thermoplastic , Nylon , Nylon 66 , Nylon 66 , 20% Glass Fiber Filled

Material Notes:

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-PB3150-Nylon-66.php

Physical Properties	Metric	English	Comments
Density	1.23 g/cc	0.0444 lb/in ³	ASTM A792
Moisture Absorption at Equilibrium	<= 0.17 %	<= 0.17 %	Karl Fischer
Linear Mold Shrinkage	0.012 cm/cm	0.012 in/in	ASTM D955

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	100 MPa	14500 psi	ASTM D638
Elongation at Break	5.0 %	5.0 %	ASTM D638
Flexural Yield Strength	150 MPa	21800 psi	ASTM D790
Flexural Modulus	4.80 GPa	696 ksi	ASTM D790
Izod Impact, Notched	0.902 J/cm	1.69 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	188 °C	370 °F	ASTM D648
Vicat Softening Point	221 °C	430 °F	ASTM D1525
Glow Wire Test	649 °C	1200 °F	UNE 20-672-83

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