

PlastxWorld Veroplas PA2002HI Nylon 6

Category : Polymer , Thermoplastic , Nylon , Nylon 6 , Nylon 6 , Impact Grade

Material Notes:

general purpose, unfilled, high impact modified injection molding grade Information provided by PlastxWorld Inc.

Order this product through the following link:

http://www.lookpolymers.com/polymer_PlastxWorld-Veroplas-PA2002HI-Nylon-6.php

Physical Properties	Metric	English	Comments
Density	1.08 g/cc	0.0390 lb/in ³	ASTM A792
Moisture Absorption at Equilibrium	<= 0.17 %	<= 0.17 %	Karl Fischer
Linear Mold Shrinkage	0.025 cm/cm	0.025 in/in	ASTM D955

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	44.8 MPa	6500 psi	ASTM D638
Elongation at Break	50 %	50 %	ASTM D638
Flexural Yield Strength	57.9 MPa	8400 psi	ASTM D790
Flexural Modulus	1.60 GPa	232 ksi	ASTM D790
Izod Impact, Notched	10.00 J/cm	18.73 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	46.0 °C	115 °F	ASTM D648
Vicat Softening Point	171 °C	340 °F	ASTM D1525

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