

PlastiComp Velocity® LGF50-PA6 High Flow Nylon 6, 50% Long Glass Fiber

Category : Polymer , Thermoplastic , Nylon , Nylon 6 , Nylon 6, 50% Glass Fiber Filled

Material Notes:

This compound complies with European Union Directive 2002/95/EC Restriction of Hazardous Substances (RoHS). Information provided by PlastiComp, Inc.

Order this product through the following link:

http://www.lookpolymers.com/polymer_PlastiComp-Velocity-LGF50-PA6-High-Flow-Nylon-6-50-Long-Glass-Fiber.php

Physical Properties	Metric	English	Comments
Filler Content	50 %	50 %	Long Glass Fiber

Mechanical Properties	Metric	English	Comments
Tensile Strength	234 MPa	33900 psi	ASTM D-638
Elongation at Break	1.0 - 2.0 %	1.0 - 2.0 %	ASTM D-638
Tensile Modulus	16.21 GPa	2351 ksi	ASTM D-638
Flexural Strength	352 MPa	51100 psi	ASTM D-790
Flexural Modulus	13.79 GPa	2000 ksi	ASTM D-790
Izod Impact, Notched	2.94 J/cm	5.51 ft-lb/in	ASTM D-256
Izod Impact, Unnotched	13.1 J/cm	24.5 ft-lb/in	ASTM D-4812

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	216 °C	421 °F	ASTM D-648

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