

PlastiComp Complet® LBF50-PA66 50% Long Basalt Fiber

Category : Polymer , Thermoplastic , Nylon , Nylon 66

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-Complet-LBF50-PA66-50-Long-Basalt-Fiber.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.63 g/cc	1.63 g/cc	ASTM D792

Mechanical Properties	Metric	English	Comments
Tensile Strength	234 MPa	33900 psi	ASTM D638
Elongation at Break	1.0 - 2.0 %	1.0 - 2.0 %	ASTM D638
Tensile Modulus	15.86 GPa	2300 ksi	ASTM D638
Flexural Strength	341 MPa	49500 psi	ASTM D790
Flexural Modulus	12.41 GPa	1800 ksi	ASTM D790
Izod Impact, Unnotched	12.55 J/cm	23.51 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	254 °C	489 °F	ASTM D648

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