

PlastiComp Complet® LGF30-PA66 MT 30% Long Glass Fiber

Category : Polymer , Thermoplastic , Nylon , Nylon 66 , Nylon 66, 30% 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-Complet-LGF30-PA66-MT-30-Long-Glass-Fiber.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.37 g/cc	1.37 g/cc	ASTM D792

Mechanical Properties	Metric	English	Comments
Tensile Strength	155 MPa	22500 psi	ASTM D638
Elongation at Break	2.0 - 3.0 %	2.0 - 3.0 %	ASTM D638
Tensile Modulus	9.31 GPa	1350 ksi	ASTM D638
Flexural Strength	269 MPa	39000 psi	ASTM D790
Flexural Modulus	8.28 GPa	1200 ksi	ASTM D790
Izod Impact, Notched	4.27 J/cm	8.00 ft-lb/in	ASTM D256
Izod Impact, Unnotched	13.88 J/cm	26.00 ft-lb/in	ASTM D4812

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	243 °C	469 °F	ASTM D648

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