

PlastiComp Complet® LCF15/LGF35 – PA66 BLK Polyamide 66, 50% Long Carbon/Glass Fiber

Category : Polymer , Thermoplastic , Nylon , Nylon 66 , Nylon 66, Glass/Carbon Fiber Filled

Material Notes:

Composite Pellets Information provided by PlastiComp, Inc.

Order this product through the following link:

http://www.lookpolymers.com/polymer_PlastiComp-Complet-LCF15LGF35-PA66-BLK-Polyamide-66-50-Long-CarbonGlass-Fiber.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.54 g/cc	1.54 g/cc	ASTM D-792
Filler Content	50 %	50 %	Long Carbon/Glass Fiber

Mechanical Properties	Metric	English	Comments
Tensile Strength	269 MPa	39000 psi	ASTM D-638
Elongation at Break	1.0 - 2.0 %	1.0 - 2.0 %	ASTM D-638
Tensile Modulus	23.45 GPa	3401 ksi	ASTM D-638
Flexural Strength	386 MPa	56000 psi	ASTM D-790
Flexural Modulus	17.2 GPa	2500 ksi	ASTM D-790
Izod Impact, Notched	3.20 J/cm	5.99 ft-lb/in	ASTM D-256
Izod Impact, Unnotched	9.61 J/cm	18.0 ft-lb/in	ASTM D-4812

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	254 °C	489 °F	ASTM D-648

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