

## PlastiComp Complet® LCF30-PA66 30% Long Carbon Fiber

Category : Polymer , Thermoplastic , Nylon , Nylon 66 , Nylon 66, 30% Carbon 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-LCF30-PA66-30-Long-Carbon-Fiber.php](http://www.lookpolymers.com/polymer_PlastiComp-Complet-LCF30-PA66-30-Long-Carbon-Fiber.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.27 g/cc	1.27 g/cc	ASTM D792

Mechanical Properties	Metric	English	Comments
Tensile Strength	276 MPa	40000 psi	ASTM D638
Elongation at Break	1.0 - 2.0 %	1.0 - 2.0 %	ASTM D638
Tensile Modulus	22.76 GPa	3301 ksi	ASTM D638
Flexural Strength	359 MPa	52100 psi	ASTM D790
Flexural Modulus	16.55 GPa	2400 ksi	ASTM D790
Izod Impact, Notched	2.40 J/cm	4.50 ft-lb/in	ASTM D256
Izod Impact, Unnotched	10.68 J/cm	20.01 ft-lb/in	ASTM D4812

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

## Contact Songhan Plastic Technology Co.,Ltd.

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