

PlastiComp Velocity® LCF50-PA66 High Flow Nylon 66, 50% Long Carbon Fiber

Category : Polymer , Thermoplastic , Nylon , Nylon 66 , Nylon 66, 50% 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-Velocity-LCF50-PA66-High-Flow-Nylon-66-50-Long-Carbon-Fiber.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.37 g/cc	1.37 g/cc	ASTM D-792
Filler Content	50 %	50 %	Long Carbon Fiber

Mechanical Properties	Metric	English	Comments
Tensile Strength	310 MPa	45000 psi	ASTM D-638
Elongation at Break	1.0 %	1.0 %	ASTM D-638
Tensile Modulus	40.0 GPa	5800 ksi	ASTM D-638
Flexural Strength	497 MPa	72100 psi	ASTM D-790
Flexural Modulus	29.31 GPa	4251 ksi	ASTM D-790
Izod Impact, Notched	1.82 J/cm	3.41 ft-lb/in	ASTM D-256
Izod Impact, Unnotched	7.21 J/cm	13.5 ft-lb/in	ASTM D-4812

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	252 °C	486 °F	ASTM D-648

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China