

## PlastiComp Velocity® LCF40-PA66 High Flow Nylon 66, 40% Long Carbon Fiber

Category : Polymer , Thermoplastic , Nylon , Nylon 66 , Nylon 66, 40% 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-LCF40-PA66-High-Flow-Nylon-66-40-Long-Carbon-Fiber.php](http://www.lookpolymers.com/polymer_PlastiComp-Velocity-LCF40-PA66-High-Flow-Nylon-66-40-Long-Carbon-Fiber.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.31 g/cc	1.31 g/cc	ASTM D-792
Filler Content	40 %	40 %	Long Carbon Fiber

Mechanical Properties	Metric	English	Comments
Tensile Strength	297 MPa	43100 psi	ASTM D-638
Elongation at Break	1.0 - 2.0 %	1.0 - 2.0 %	ASTM D-638
Tensile Modulus	31.03 GPa	4501 ksi	ASTM D-638
Flexural Strength	455 MPa	66000 psi	ASTM D-790
Flexural Modulus	20.69 GPa	3001 ksi	ASTM D-790
Izod Impact, Notched	1.87 J/cm	3.50 ft-lb/in	ASTM D-256
Izod Impact, Unnotched	6.94 J/cm	13.0 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.

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