

## PlastiComp Complet® LCF20/LGF20 – PA66 BLK Polyamide 66, 40% 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-LCF20LGF20-PA66-BLK-Polyamide-66-40-Long-CarbonGlass-Fiber.php](http://www.lookpolymers.com/polymer_PlastiComp-Complet-LCF20LGF20-PA66-BLK-Polyamide-66-40-Long-CarbonGlass-Fiber.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.40 g/cc	1.40 g/cc	ASTM D-792
Filler Content	50 %	50 %	Long Carbon/Glass Fiber

Mechanical Properties	Metric	English	Comments
Tensile Strength	284 MPa	41200 psi	ASTM D-638
Elongation at Break	1.0 - 2.0 %	1.0 - 2.0 %	ASTM D-638
Tensile Modulus	24.14 GPa	3501 ksi	ASTM D-638
Flexural Strength	405 MPa	58700 psi	ASTM D-790
Flexural Modulus	17.93 GPa	2601 ksi	ASTM D-790
Izod Impact, Notched	2.67 J/cm	5.00 ft-lb/in	ASTM D-256
Izod Impact, Unnotched	10.04 J/cm	18.81 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

## Contact Songhan Plastic Technology Co.,Ltd.

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