

## PlastiComp Complet® LGF40-PPA Polyphthalamide, 40% Long Glass Fiber Reinforced

Category : Polymer , Thermoplastic , Polyphthalamide (PPA) , Polyphthalamide (PPA), 40% Glass Fiber Reinforced

### Material Notes:

Complēt® long-fiber reinforced pellets are manufactured to exceed expectation for quality and performance. Polyphthalamide with 40% long glass fiber reinforcement. Information provided by PlastiComp, Inc.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_PlastiComp-Complet-LGF40-PPA-Polyphthalamide-40-Long-Glass-Fiber-Reinforced.php](http://www.lookpolymers.com/polymer_PlastiComp-Complet-LGF40-PPA-Polyphthalamide-40-Long-Glass-Fiber-Reinforced.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.57 g/cc	1.57 g/cc	ASTM D-792
Filler Content	40 %	40 %	Long Glass Fiber

Mechanical Properties	Metric	English	Comments
Tensile Strength	224 MPa	32500 psi	ASTM D-638
Elongation at Break	1.0 - 2.0 %	1.0 - 2.0 %	ASTM D-638
Tensile Modulus	14.828 GPa	2150.6 ksi	ASTM D-638
Flexural Strength	331 MPa	48000 psi	ASTM D-790
Flexural Modulus	13.793 GPa	2000.5 ksi	ASTM D-790
Izod Impact, Notched	2.67 J/cm	5.00 ft-lb/in	ASTM D-256
Izod Impact, Unnotched	11.21 J/cm	21.00 ft-lb/in	ASTM D-4812

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	277 °C	531 °F	ASTM D-648

## Contact Songhan Plastic Technology Co.,Ltd.

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