

PlastiComp Complet® LGF50-PPA Polyphthalamide, 50% Long Glass Fiber Reinforced

Category : Polymer , Thermoplastic , Polyphthalamide (PPA) , Polyphthalamide (PPA), 50% Glass Fiber Reinforced

Material Notes:

Complēt® long-fiber reinforced pellets are manufactured to exceed expectation for quality and performance. Polyphthalamide with 50% long glass fiber reinforcement. Information provided by PlastiComp, Inc.

Order this product through the following link:

http://www.lookpolymers.com/polymer_PlastiComp-Complet-LGF50-PPA-Polyphthalamide-50-Long-Glass-Fiber-Reinforced.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.65 g/cc	1.65 g/cc	ASTM D-792
Filler Content	50 %	50 %	Long Glass Fiber

Mechanical Properties	Metric	English	Comments
Tensile Strength	255 MPa	37000 psi	ASTM D-638
Elongation at Break	1.0 - 2.0 %	1.0 - 2.0 %	ASTM D-638
Tensile Modulus	18.621 GPa	2700.8 ksi	ASTM D-638
Flexural Strength	341 MPa	49500 psi	ASTM D-790
Flexural Modulus	17.241 GPa	2500.6 ksi	ASTM D-790
Izod Impact, Notched	3.47 J/cm	6.50 ft-lb/in	ASTM D-256
Izod Impact, Unnotched	12.28 J/cm	23.01 ft-lb/in	ASTM D-4812

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	282 °C	540 °F	ASTM D-648

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