

PlastiComp Complet® LGF40-PA12 Nylon 12, 40% Long Glass Fiber Reinforced

Category : Polymer , Thermoplastic , Nylon , Nylon 12 , Nylon 12, 40% Glass Fiber Filled

Material Notes:

Complēt® long-fiber reinforced pellets are manufactured to exceed expectation for quality and performance. Nylon 12 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-PA12-Nylon-12-40-Long-Glass-Fiber-Reinforced.php

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

Mechanical Properties	Metric	English	Comments
Tensile Strength	145 MPa	21000 psi	ASTM D-638
Elongation at Break	2.0 - 3.0 %	2.0 - 3.0 %	ASTM D-638
Tensile Modulus	9.655 GPa	1400 ksi	ASTM D-638
Flexural Strength	241 MPa	35000 psi	ASTM D-790
Flexural Modulus	8.276 GPa	1200 ksi	ASTM D-790
Izod Impact, Notched	3.74 J/cm	7.01 ft-lb/in	ASTM D-256
Izod Impact, Unnotched	13.35 J/cm	25.01 ft-lb/in	ASTM D-4812

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