

PlastiComp Complet® LCF30-PA12 Nylon 12, 30% Long Carbon Fiber Content

Category : Polymer , Thermoplastic , Nylon , Nylon 12 , Nylon 12, Carbon Fiber Filled

Material Notes:

Complēt® long-fiber reinforced pellets are manufactured to exceed expectation for quality and performance. Nylon 12 with 30% long carbon fiber reinforcement. Information provided by PlastiComp, Inc.

Order this product through the following link:

http://www.lookpolymers.com/polymer_PlastiComp-Complet-LCF30-PA12-Nylon-12-30-Long-Carbon-Fiber-Content.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.17 g/cc	1.17 g/cc	ASTM D-792
Filler Content	30 %	30 %	Long Carbon Fiber

Mechanical Properties	Metric	English	Comments
Tensile Strength	221 MPa	32100 psi	ASTM D-638
Elongation at Break	1.0 - 2.0 %	1.0 - 2.0 %	ASTM D-638
Tensile Modulus	19.828 GPa	2875.8 ksi	ASTM D-638
Flexural Strength	319 MPa	46300 psi	ASTM D-790
Flexural Modulus	15.172 GPa	2200.5 ksi	ASTM D-790
Izod Impact, Notched	2.67 J/cm	5.00 ft-lb/in	ASTM D-256
Izod Impact, Unnotched	7.69 J/cm	14.4 ft-lb/in	ASTM D-4812

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