

PlastiComp Complet® LGF30-PBT Polybutylene Terephthalate, 30% Long Glass Fiber Reinforced

Category : Polymer , Thermoplastic , Polyester, TP , Polybutylene Terephthalate (PBT) , Polybutylene Terephthalate (PBT), 30% Glass Fiber Filled

Material Notes:

Complēt® long-fiber reinforced pellets are manufactured to exceed expectation for quality and performance. Polybutylene Terephthalate (PBT) with 30% long glass fiber reinforcement. Information provided by PlastiComp, Inc.

Order this product through the following link:

http://www.lookpolymers.com/polymer_PlastiComp-Complet-LGF30-PBT-Polybutylene-Terephthalate-30-Long-Glass-Fiber-Reinforced.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.53 g/cc	1.53 g/cc	ASTM D-792
Filler Content	30 %	30 %	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	10.345 GPa	1500.4 ksi	ASTM D-638
Flexural Strength	221 MPa	32100 psi	ASTM D-790
Flexural Modulus	9.655 GPa	1400 ksi	ASTM D-790
Izod Impact, Notched	2.14 J/cm	4.01 ft-lb/in	ASTM D-256
Izod Impact, Unnotched	11.75 J/cm	22.01 ft-lb/in	ASTM D-4812

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	204 °C	399 °F	ASTM D-648

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