

PlastiComp Complet® LCF30-PEI Polyetherimide, 30% Long Carbon Fiber Reinforced

Category : Polymer , Thermoplastic , Polyetherimide (PEI) , Polyetherimide (PEI), Carbon Fiber Filled

Material Notes:

Complēt® long-fiber reinforced pellets are manufactured to exceed expectation for quality and performance. Polyetherimide 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-PEI-Polyetherimide-30-Long-Carbon-Fiber-Reinforced.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.39 g/cc	1.39 g/cc	ASTM D-792
Filler Content	30 %	30 %	Long Carbon Fiber

Mechanical Properties	Metric	English	Comments
Tensile Strength	207 MPa	30000 psi	ASTM D-638
Elongation at Break	1.5 %	1.5 %	ASTM D-638
Tensile Modulus	21.379 GPa	3100.8 ksi	ASTM D-638
Flexural Strength	290 MPa	42100 psi	ASTM D-790
Flexural Modulus	20.0 GPa	2900 ksi	ASTM D-790
Izod Impact, Unnotched	5.34 J/cm	10.0 ft-lb/in	ASTM D-4812

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	210 °C	410 °F	ASTM D-648

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215, Fengxian District, Shanghai City, China