

PlastiComp Complet® LCF40-PEI Polyetherimide, 40% 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 40% long carbon fiber reinforcement. Information provided by PlastiComp, Inc.

Order this product through the following link:

http://www.lookpolymers.com/polymer_PlastiComp-Complet-LCF40-PEI-Polyetherimide-40-Long-Carbon-Fiber-Reinforced.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.43 g/cc	1.43 g/cc	ASTM D-792
Filler Content	40 %	40 %	Long Carbon Fiber

Mechanical Properties	Metric	English	Comments
Tensile Strength	186 MPa	27000 psi	ASTM D-638
Elongation at Break	1.0 %	1.0 %	ASTM D-638
Tensile Modulus	34.483 GPa	5001.3 ksi	ASTM D-638
Flexural Strength	331 MPa	48000 psi	ASTM D-790
Flexural Modulus	31.034 GPa	4501.1 ksi	ASTM D-790
Izod Impact, Unnotched	6.94 J/cm	13.0 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