

PlastiComp Complet® LCF30-PPS Polyphenylene Sulfide, 30% Long Carbon Fiber Reinforced

Category : Polymer , Thermoplastic , Polyphenylene Sulfide (PPS) , Polyphenylene Sulfide (PPS) with 30% Carbon Fiber Filler

Material Notes:

Complet® long-fiber reinforced pellets are manufactured to exceed expectation for quality and performance. Polyphenylene Sulfide 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-PPS-Polyphenylene-Sulfide-30-Long-Carbon-Fiber-Reinforced.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.45 g/cc	1.45 g/cc	ASTM D-792
Filler Content	30 %	30 %	Long Carbon Fiber

Mechanical Properties	Metric	English	Comments
Tensile Strength	187 MPa	27100 psi	ASTM D-638
Elongation at Break	0.70 %	0.70 %	ASTM D-638
Tensile Modulus	33.793 GPa	4901.3 ksi	ASTM D-638
Flexural Strength	297 MPa	43100 psi	ASTM D-790
Flexural Modulus	25.517 GPa	3700.9 ksi	ASTM D-790
Izod Impact, Unnotched	4.65 J/cm	8.71 ft-lb/in	ASTM D-4812

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