

Techmer ES HiFill® PA4/6 CF40 HS 40% Carbon Filled (Conditioned)

Category : Polymer , Thermoplastic , Nylon , Nylon 46

Material Notes:

Availability: North America Forms: Pellets Filler/Reinforcement: Carbon Fiber Reinforcement, 40% Filler by Weight Additive: Heat Stabilizer Features: Heat Stabilized Information provided by TP Composites, Inc.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Techmer-ES-HiFill-PA46-CF40-HS-40-Carbon-Filled-Conditioned.php

Physical Properties	Metric	English	Comments
Density	1.35 g/cc	0.0488 lb/in ³	ASTM D792
Water Absorption	1.9 % @Time 86400 sec	1.9 % @Time 24.0 hour	ASTM D570
Linear Mold Shrinkage, Flow	0.0015 cm/cm @Thickness 3.17 mm	0.0015 in/in @Thickness 0.125 in	ASTM D955

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	214 MPa	31000 psi	ASTM D638
Elongation at Break	3.5 %	3.5 %	ASTM D638
Flexural Strength	352 MPa	51000 psi	ASTM D790
Flexural Modulus	21.4 GPa	3100 ksi	ASTM D790
Izod Impact, Notched	1.01 J/cm @Thickness 3.17 mm	1.90 ft-lb/in @Thickness 0.125 in	ASTM D256

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