

Techmer ES HiFill[®] PA6/6 GF50 HS L BK 50% Glass Filled (Conditioned)

Category : Polymer , Thermoplastic , Nylon , Nylon 66 , Nylon 66, 50% Glass Fiber Filled , Nylon 66, Heat Stabilized

Material Notes:

Availability: North America
 Forms: Pellets
 Filler/Reinforcement: Glass Fiber Reinforcement, 50% Filler by Weight
 Additive: Lubricant and Heat Stabilizer
 Features: Lubricated and Heat Stabilized
 Appearance: Black
 Information provided by TP Composites, Inc.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Techmer-ES-HiFill-PA66-GF50-HS-L-BK-50-Glass-Filled-Conditioned.php

Physical Properties	Metric	English	Comments
Density	1.57 g/cc	0.0567 lb/in ³	ASTM D792
Water Absorption	0.45 %	0.45 %	ASTM D570
	@Time 86400 sec	@Time 24.0 hour	
Linear Mold Shrinkage, Flow	0.0030 cm/cm	0.0030 in/in	ASTM D955
	@Thickness 3.17 mm	@Thickness 0.125 in	

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	193 MPa	28000 psi	ASTM D638
Elongation at Break	3.5 %	3.5 %	ASTM D638
Flexural Strength	276 MPa	40000 psi	ASTM D790
Flexural Modulus	12.4 GPa	1800 ksi	ASTM D790
Izod Impact, Notched	1.66 J/cm	3.10 ft-lb/in	ASTM D256
	@Thickness 3.17 mm	@Thickness 0.125 in	
Izod Impact, Unnotched	13.9 J/cm	26.0 ft-lb/in	ASTM D256
	@Thickness 3.17 mm	@Thickness 0.125 in	

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