

Techmer ES HiFill[®] PA6/6 GF33 L BKN001 33% Glass Filled (Conditioned)

Category : Polymer , Thermoplastic , Nylon , Nylon 66 , Nylon 66, 30% Glass Fiber Filled , Nylon 66, Heat Stabilized

Material Notes:

Availability: North America
 Forms: Pellets
 Filler/Reinforcement: Glass Fiber Reinforcement, 33% Filler by Weight
 Additive: Lubricant and Heat Stabilizer
 Features: Lubricated and Heat Stabilized
 Appearance: Black
 TPCI# 9357101
 Information provided by TP Composites, Inc.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Techmer-ES-HiFill-PA66-GF33-L-BKN001-33-Glass-Filled-Conditioned.php

Physical Properties	Metric	English	Comments
Density	1.37 g/cc	0.0495 lb/in ³	ASTM D792
Water Absorption	1.8 % @Time 86400 sec	1.8 % @Time 24.0 hour	ASTM D570
Linear Mold Shrinkage, Flow	0.0050 cm/cm @Thickness 3.17 mm	0.0050 in/in @Thickness 0.125 in	ASTM D955

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	115	115	ASTM D785
Tensile Strength, Yield	165 MPa	24000 psi	ASTM D638
Elongation at Break	3.5 %	3.5 %	ASTM D638
Flexural Strength	200 MPa	29000 psi	ASTM D790
Flexural Modulus	6.89 GPa	1000 ksi	ASTM D790
Izod Impact, Notched	1.12 J/cm @Thickness 3.17 mm	2.10 ft-lb/in @Thickness 0.125 in	ASTM D256

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