

Techmer ES Elastoblend® PA6 GF20 IM2 BK 20% Glass Filled (Conditioned)

Category : Polymer , Thermoplastic , Nylon , Nylon 6 , Nylon 6 , 20% Glass Fiber Filled , Nylon 6 , Heat Stabilized , Nylon 6 , Impact Grade

Material Notes:

Availability: North America
 Forms: Pellets
 Filler/Reinforcement: Glass Fiber Reinforcement, 20% Filler by Weight
 Additive: Heat Stabilizer, Impact Modifier and Lubricant
 Features: Heat Stabilized, Impact Modified and Lubricated
 Appearance: Black
 TPCI# 6336102
 Information provided by TP Composites, Inc.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Techmer-ES-Elastoblend-PA6-GF20-IM2-BK-20-Glass-Filled-Conditioned.php

Physical Properties	Metric	English	Comments
Density	1.22 g/cc	0.0441 lb/in ³	ASTM D792
Water Absorption	0.80 %	0.80 %	ASTM D570
	@Time 86400 sec	@Time 24.0 hour	
Linear Mold Shrinkage, Flow	0.0020 cm/cm	0.0020 in/in	ASTM D955
	@Thickness 3.17 mm	@Thickness 0.125 in	

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	96.5 MPa	14000 psi	ASTM D638
Elongation at Break	7.5 %	7.5 %	ASTM D638
Flexural Strength	159 MPa	23000 psi	ASTM D790
Flexural Modulus	3.79 GPa	550 ksi	ASTM D790
Izod Impact, Notched	1.49 J/cm	2.80 ft-lb/in	ASTM D256
	@Thickness 3.17 mm	@Thickness 0.125 in	

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