

## Techmer ES HiFill FR<sup>®</sup> PA6/6 FR HS BK (Conditioned)

Category : Polymer , Thermoplastic , Nylon , Nylon 66 , Nylon 66, Unreinforced, Flame Retardant

**Material Notes:**

Availability: North America Forms: Pellets Features: Flame Retardant Appearance: Black Information provided by TP Composites, Inc.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Techmer-ES-HiFill-FR-PA66-FR-HS-BK-Conditioned.php](http://www.lookpolymers.com/polymer_Techmer-ES-HiFill-FR-PA66-FR-HS-BK-Conditioned.php)

Physical Properties	Metric	English	Comments
Density	1.17 g/cc	0.0423 lb/in <sup>3</sup>	ASTM D792
Water Absorption	0.95 %	0.95 %	ASTM D570
	@Time 86400 sec	@Time 24.0 hour	
Linear Mold Shrinkage, Flow	0.010 cm/cm	0.010 in/in	ASTM D955
	@Thickness 3.17 mm	@Thickness 0.125 in	

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	55.2 MPa	8000 psi	ASTM D638
Elongation at Break	50 %	50 %	ASTM D638
Flexural Modulus	1.93 GPa	280 ksi	ASTM D790
Izod Impact, Notched	1.23 J/cm	2.30 ft-lb/in	ASTM D256
	@Thickness 3.17 mm	@Thickness 0.125 in	

## Contact Songhan Plastic Technology Co.,Ltd.

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