

## Techmer ES Luriblend® PA6/6 GF33 TL15 BK 33% Glass Filled

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

### Material Notes:

Availability: North America Forms: Pellets Filler/Reinforcement: Glass Fiber, 33% Filler by Weight Additive: Heat Stabilizer and PTFE

Lubricant(15%) Features: Lubricated, Good Wear Resistance, Heat Stabilized and Low Friction Appearance: Black Information provided by TP Composites, Inc.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Techmer-ES-Luriblend-PA66-GF33-TL15-BK-33-Glass-Filled.php](http://www.lookpolymers.com/polymer_Techmer-ES-Luriblend-PA66-GF33-TL15-BK-33-Glass-Filled.php)

Physical Properties	Metric	English	Comments
Density	1.50 g/cc	0.0542 lb/in <sup>3</sup>	ASTM D792
Water Absorption	0.50 %	0.50 %	ASTM D570
	@Time 86400 sec	@Time 24.0 hour	
Linear Mold Shrinkage, Flow	0.0050 cm/cm	0.0050 in/in	ASTM D955
	@Thickness 3.17 mm	@Thickness 0.125 in	

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	90	90	ASTM D785
Tensile Strength, Yield	149 MPa	21600 psi	ASTM D638
Elongation at Break	2.0 %	2.0 %	ASTM D638
Flexural Strength	224 MPa	32500 psi	ASTM D790
Flexural Modulus	8.96 GPa	1300 ksi	ASTM D790
Izod Impact, Notched	0.747 J/cm	1.40 ft-lb/in	ASTM D256
	@Thickness 3.17 mm	@Thickness 0.125 in	

Thermal Properties	Metric	English	Comments
CTE, linear, Parallel to Flow	18.0 Åµm/m-Å°C	10.0 Åµin/in-Å°F	ASTM D696
Deflection Temperature at 0.46 MPa (66 psi)	259 Å°C	498 Å°F	Unannealed; ASTM D648
Deflection Temperature at 1.8 MPa (264 psi)	254 Å°C	490 Å°F	Unannealed; ASTM D648
Flammability, UL94	HB	HB	

Electrical Properties	Metric	English	Comments
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Volume Resistivity Electrical Properties	$1.00\text{e}+15$ ohm-cm Metric	$1.00\text{e}+15$ ohm-cm English	ASTM D257 Comments
Dielectric Strength	21.7 kV/mm	550 kV/in	Method A (Short-Time); ASTM D149

## Contact Songhan Plastic Technology Co.,Ltd.

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