

## E-Polymers TEKAFIN® PH50G3 30% Glass Fiber Reinforced High Strength Compounded-PP

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene with 30% Glass Fiber Filler

### Material Notes:

Modified PP: TEKAFIN is modified PP resins formulated with various fillers and modifiers. It has product lines for impact modified, glass fiber reinforced, inorganic filler reinforced and hybrids. Information Provided by E-Polymers Co., Ltd.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_E-Polymers-TEKAFIN-PH50G3-30-Glass-Fiber-Reinforced-High-Strength-Compounded-PP.php](http://www.lookpolymers.com/polymer_E-Polymers-TEKAFIN-PH50G3-30-Glass-Fiber-Reinforced-High-Strength-Compounded-PP.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.13 g/cc	1.13 g/cc	ASTM D792
Linear Mold Shrinkage	0.0040 cm/cm	0.0040 in/in	
Linear Mold Shrinkage, Transverse	0.0090 cm/cm	0.0090 in/in	

Mechanical Properties	Metric	English	Comments
Tensile Strength	107.91 MPa	15651 psi	ASTM D638
Elongation at Break	3.0 %	3.0 %	ASTM D638
Flexural Strength	147.15 MPa	21342 psi	ASTM D790
Flexural Modulus	5.886 GPa	853.7 ksi	ASTM D790
Izod Impact, Notched	1.27 J/cm	2.39 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	163 °C	325 °F	ASTM D648
Flammability, UL94	HB	HB	

Processing Properties	Metric	English	Comments
Melt Temperature	180 - 220 °C	356 - 428 °F	
Mold Temperature	60.0 - 80.0 °C	140 - 176 °F	

## Contact Songhan Plastic Technology Co.,Ltd.

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