

## E-Polymers TEKAFIN® PH50G2 20% Glass Fiber Reinforced High Strength Compounded-PP

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene with 20% 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-PH50G2-20-Glass-Fiber-Reinforced-High-Strength-Compounded-PP.php](http://www.lookpolymers.com/polymer_E-Polymers-TEKAFIN-PH50G2-20-Glass-Fiber-Reinforced-High-Strength-Compounded-PP.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.04 g/cc	1.04 g/cc	ASTM D792
Linear Mold Shrinkage	0.0060 cm/cm	0.0060 in/in	
Linear Mold Shrinkage, Transverse	0.010 cm/cm	0.010 in/in	

Mechanical Properties	Metric	English	Comments
Tensile Strength	88.29 MPa	12810 psi	ASTM D638
Elongation at Break	4.0 %	4.0 %	ASTM D638
Flexural Strength	107.91 MPa	15651 psi	ASTM D790
Flexural Modulus	4.1202 GPa	597.59 ksi	ASTM D790
Izod Impact, Notched	0.981 J/cm	1.84 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	162 °C	324 °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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