

## E-Polymers TEKAFIN® PH40FR Flame Retardant Heat Resistance Compounded-PP

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene, Flame Retardant

### 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-PH40FR-Flame-Retardant-Heat-Resistance-Compounded-PP.php](http://www.lookpolymers.com/polymer_E-Polymers-TEKAFIN-PH40FR-Flame-Retardant-Heat-Resistance-Compounded-PP.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.27 g/cc	1.27 g/cc	ASTM D792
Linear Mold Shrinkage	0.012 cm/cm	0.012 in/in	

Mechanical Properties	Metric	English	Comments
Tensile Strength	30.411 MPa	4410.8 psi	ASTM D638
Elongation at Break	30 %	30 %	ASTM D638
Flexural Strength	68.67 MPa	9960 psi	ASTM D790
Flexural Modulus	2.7468 GPa	398.39 ksi	ASTM D790
Izod Impact, Notched	0.412 J/cm	0.771 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	133 °C	271 °F	ASTM D648
Flammability, UL94	V-0	V-0	

Processing Properties	Metric	English	Comments
Melt Temperature	170 - 200 °C	338 - 392 °F	
Mold Temperature	40.0 - 60.0 °C	104 - 140 °F	

## Contact Songhan Plastic Technology Co.,Ltd.

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