

E-Polymers TEKAFIN® PH40FR2 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-PH40FR2-Flame-Retardant-Heat-Resistance-Compounded-PP.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.930 g/cc	0.930 g/cc	ASTM D792
Linear Mold Shrinkage	0.016 cm/cm	0.016 in/in	

Mechanical Properties	Metric	English	Comments
Tensile Strength	34.335 MPa	4979.9 psi	ASTM D638
Elongation at Break	40 %	40 %	ASTM D638
Flexural Strength	49.05 MPa	7114 psi	ASTM D790
Flexural Modulus	1.6677 GPa	241.88 ksi	ASTM D790
Izod Impact, Notched	0.392 J/cm	0.735 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	120 °C	248 °F	ASTM D648
Flammability, UL94	V-2	V-2	

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

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