

E-Polymers TEKANATE™ G730FR , Flame Retardant, 30% Glass Fiber Reinforced Poly Carbonate

Category : Polymer , Thermoplastic , Polycarbonate (PC) , Polycarbonate, Glass Fiber Filled, Flame Retardant

Material Notes:

30% Glass Fiber reinforced, Flame Retardant Information provided by E-Polymers Co. Ltd.

Order this product through the following link:

http://www.lookpolymers.com/polymer_E-Polymers-TEKANATE-G730FR-Flame-Retardant-30-Glass-Fiber-Reinforced-Poly-Carbonate.php

Physical Properties	Metric	English	Comments
Density	1.44 g/cc	0.0520 lb/in³	ASTM D792
Linear Mold Shrinkage	0.0015 cm/cm	0.0015 in/in	

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	121	121	ASTM D785
Tensile Strength, Yield	120 MPa	17400 psi	ASTM D638
Elongation at Break	3.0 %	3.0 %	ASTM D638
Flexural Yield Strength	180 MPa	26100 psi	ASTM D790
Flexural Modulus	8.00 GPa	1160 ksi	ASTM D790
Izod Impact, Notched	1.10 J/cm	2.06 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	148 °C	298 °F	ASTM D648
Flammability, UL94	V-0	V-0	

Processing Properties	Metric	English	Comments
Processing Temperature	270 - 330 °C	518 - 626 °F	

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