

## E-Polymers Tekaloy® G70GFR , Flame Retardant, 30% Glass Fiber Reinforced PC/ABS Alloy

Category : Polymer , Thermoplastic , ABS Polymer , Polycarbonate/ABS Alloy, Glass Fiber Filled , Polycarbonate (PC)

### 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-Tekaloy-G70GFR-Flame-Retardant-30-Glass-Fiber-Reinforced-PCABS-Alloy.php](http://www.lookpolymers.com/polymer_E-Polymers-Tekaloy-G70GFR-Flame-Retardant-30-Glass-Fiber-Reinforced-PCABS-Alloy.php)

Physical Properties	Metric	English	Comments
Density	1.44 g/cc	0.0520 lb/in <sup>3</sup>	ASTM D792
Linear Mold Shrinkage	0.0020 cm/cm	0.0020 in/in	

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	121	121	ASTM D785
Tensile Strength, Yield	100 MPa	14500 psi	ASTM D638
Elongation at Break	3.0 %	3.0 %	ASTM D638
Flexural Yield Strength	155 MPa	22500 psi	ASTM D790
Flexural Modulus	7.30 GPa	1060 ksi	ASTM D790
Izod Impact, Notched	0.900 J/cm	1.69 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	131 °C	268 °F	ASTM D648
Flammability, UL94	V-0	V-0	

Processing Properties	Metric	English	Comments
Processing Temperature	230 - 300 °C	446 - 572 °F	
Mold Temperature	70.0 - 110 °C	158 - 230 °F	

## Contact Songhan Plastic Technology Co.,Ltd.

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