

E-Polymers Tekaloy® G70GR , 30% Glass Reinforced PC/ABS Alloy

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

Material Notes:

30% Glass Fiber reinforced, High stiffness, Dimensional stability Information provided by E-Polymers Co. Ltd.

Order this product through the following link:

http://www.lookpolymers.com/polymer_E-Polymers-Tekaloy-G70GR-30-Glass-Reinforced-PCABS-Alloy.php

Physical Properties	Metric	English	Comments
Density	1.36 g/cc	0.0491 lb/in ³	ASTM D792
Linear Mold Shrinkage	0.0020 cm/cm	0.0020 in/in	

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	120	120	ASTM D785
Tensile Strength, Yield	105 MPa	15200 psi	ASTM D638
Elongation at Break	3.2 %	3.2 %	ASTM D638
Flexural Yield Strength	155 MPa	22500 psi	ASTM D790
Flexural Modulus	7.20 GPa	1040 ksi	ASTM D790
Izod Impact, Notched	1.00 J/cm	1.87 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	130 °C	266 °F	ASTM D648
Flammability, UL94	HB	HB	

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

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