

**E-Polymers Tekaloy® G70FR , Flame Retardant, Un-Reinforced PC/ABS Alloy**

Category : Polymer , Thermoplastic , ABS Polymer , Polycarbonate/ABS Alloy, Unreinforced , Polycarbonate (PC)

**Material Notes:**

Flame Retardant, Impact Resistance Information provided by E-Polymers Co. Ltd.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_E-Polymers-Tekaloy-G70FR-Flame-Retardant-Un-Reinforced-PCABS-Alloy.php](http://www.lookpolymers.com/polymer_E-Polymers-Tekaloy-G70FR-Flame-Retardant-Un-Reinforced-PCABS-Alloy.php)

Physical Properties	Metric	English	Comments
Density	1.20 g/cc	0.0434 lb/in <sup>3</sup>	ASTM D792
Linear Mold Shrinkage	0.0060 cm/cm	0.0060 in/in	
Melt Flow	6.2 g/10 min @Load 2.16 kg, Temperature 250 °C	6.2 g/10 min @Load 4.76 lb, Temperature 482 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	114	114	ASTM D785
Tensile Strength, Yield	57.0 MPa	8270 psi	ASTM D638
Elongation at Break	50 %	50 %	ASTM D638
Flexural Yield Strength	8.20 MPa	1190 psi	ASTM D790
Flexural Modulus	2.30 GPa	334 ksi	ASTM D790
Izod Impact, Notched	6.10 J/cm	11.4 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	111 °C	232 °F	ASTM D648
Flammability, UL94	V-0	V-0	

Processing Properties	Metric	English	Comments
Processing Temperature	210 - 260 °C	410 - 500 °F	
Mold Temperature	60.0 - 90.0 °C	140 - 194 °F	

**Contact Songhan Plastic Technology Co.,Ltd.**

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

**Tel : +86 021-51131842**

**Mobile : +86 13061808058**

**Skype : lookpolymers**

**Address : United North Road 215,Fengxian District, Shanghai City,China**