

E-Polymers TEKALLOY® G70NHT Non Halogen Flame Retardant Impact Resistance PC/ABS Alloy

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

Material Notes:

PC/ABS, PC/PBT, PC/PET: TEKALLOY is high performance polymer alloy resins (PC/ABS, PC/PBT, and PC/PET, etc) manufactured by E-Polymers. PC/ABS has excellent mechanical properties, high heat resistance, high impact strength, and dimensional stability. PC/PBT is usually used for automotive applications with good resistance against oils and solvents as well as high impact. PC/PET has an excellent surface and its high heat resistance allows it to be employed in housing for electrical appliances. Information Provided by E-Polymers Co., Ltd.

Order this product through the following link:

http://www.lookpolymers.com/polymer_E-Polymers-TEKALLOY-G70NHT-Non-Halogen-Flame-Retardant-Impact-Resistance-PCABS-Alloy.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.19 g/cc	1.19 g/cc	ASTM D792
Linear Mold Shrinkage	0.0040 - 0.0060 cm/cm	0.0040 - 0.0060 in/in	
Linear Mold Shrinkage, Transverse	0.0040 - 0.0060 cm/cm	0.0040 - 0.0060 in/in	

Mechanical Properties	Metric	English	Comments
Tensile Strength	58.86 MPa	8537 psi	ASTM D638
Elongation at Break	55 %	55 %	ASTM D638
Flexural Strength	93.2 MPa	13500 psi	ASTM D790
Flexural Modulus	2.4525 GPa	355.71 ksi	ASTM D790
Izod Impact, Notched	4.41 J/cm	8.27 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	104 °C	219 °F	ASTM D648
Deflection Temperature at 1.8 MPa (264 psi)	95.0 °C	203 °F	ASTM D648
Flammability, UL94	V-0	V-0	

Processing Properties	Metric	English	Comments
Melt Temperature	240 - 280 °C	464 - 536 °F	
Mold Temperature	80.0 - 100 °C	176 - 212 °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