

Diamond Polymers DIAMALLOY 800 Polycarbonate/Polyester Alloy

Category : Polymer , Thermoplastic , Polycarbonate (PC) , Polycarbonate/PET Polyester Blend , Polyester, TP , Polyethylene Terephthalate (PET)

Material Notes:

Information Provided by Diamond Polymers, Inc. & Network Polymers, Inc.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Diamond-Polymers-DIAMALLOY-800-PolycarbonatePolyester-Alloy.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.24 g/cc	1.24 g/cc	ASTM D792
Linear Mold Shrinkage	0.0040 - 0.0080 cm/cm	0.0040 - 0.0080 in/in	ASTM D955
Melt Flow	10.5 g/10 min @Load 3.80 kg, Temperature 230 °C	10.5 g/10 min @Load 8.38 lb, Temperature 446 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	50.1 MPa	7270 psi	chs 2.0 in/min; ASTM D638
Elongation at Yield	4.1 %	4.1 %	chs 2.0 in/min; ASTM D638
Flexural Modulus	2.108 GPa	305.7 ksi	chs 0.05 in/min; ASTM D790
Izod Impact, Notched	NB @Thickness 3.17 mm	NB @Thickness 0.125 in	ASTM D256

Thermal Properties	Metric	English	Comments
Vicat Softening Point	204 °C @Load 1.00 kg, Thickness 3.17 mm	399 °F @Load 2.20 lb, Thickness 0.125 in	ASTM D1525
Flammability, UL94	V-0 @Thickness 1.59 mm	V-0 @Thickness 0.0625 in	
	V-0 @Thickness 3.17 mm	V-0 @Thickness 0.125 in	

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