

## Diamond Polymers DIAMALLOY XNY-1012U 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-XNY-1012U-PolycarbonatePolyester-Alloy.php](http://www.lookpolymers.com/polymer_Diamond-Polymers-DIAMALLOY-XNY-1012U-PolycarbonatePolyester-Alloy.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.21 g/cc	1.21 g/cc	ASTM D792
Linear Mold Shrinkage	0.0090 - 0.011 cm/cm	0.0090 - 0.011 in/in	ASTM D955
Melt Flow	12 g/10 min @Load 2.16 kg, Temperature 265 °C	12 g/10 min @Load 4.76 lb, Temperature 509 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	52.0 MPa	7540 psi	chs 2.0 in/min; ASTM D638
Flexural Modulus	2.036 GPa	295.3 ksi	chs 0.05 in/min; ASTM D790
Izod Impact, Notched	5.40 J/cm @Thickness 3.17 mm	10.1 ft-lb/in @Thickness 0.125 in	ASTM D256

## Contact Songhan Plastic Technology Co.,Ltd.

Website : [www.lookpolymers.com](http://www.lookpolymers.com)

Email : [sales@lookpolymers.com](mailto:sales@lookpolymers.com)

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

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