

## Diamond Polymers DIAMALLOY 223U UV Stabilized, PC/PET 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-223U-UV-Stabilized-PCPET-Alloy.php](http://www.lookpolymers.com/polymer_Diamond-Polymers-DIAMALLOY-223U-UV-Stabilized-PCPET-Alloy.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.22 g/cc	1.22 g/cc	ASTM D792
Linear Mold Shrinkage	0.0070 - 0.0090 cm/cm	0.0070 - 0.0090 in/in	ASTM D955
Melt Flow	15 g/10 min @Load 2.16 kg, Temperature 265 °C	15 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	1.932 GPa	280.2 ksi	tangent; chs 0.05 in/min; ASTM D790
Izod Impact, Notched	6.94 J/cm @Thickness 3.17 mm, Temperature 23.0 °C	13.0 ft-lb/in @Thickness 0.125 in, Temperature 73.4 °F	ASTM D256

## Contact Songhan Plastic Technology Co.,Ltd.

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