

Diamond Polymers DIAMALLOY 508 30% Glass Filled PC/Polyester Alloy, UV Stabilized

Category : Polymer , Thermoplastic , Polycarbonate (PC) , Polycarbonate/PET Polyester Blend, Glass Reinforced , 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-508-30-Glass-Filled-PCPolyester-Alloy-UV-Stabilized.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.50 g/cc	1.50 g/cc	ASTM D792
Linear Mold Shrinkage	0.0040 - 0.0060 cm/cm	0.0040 - 0.0060 in/in	ASTM D955

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	103 MPa	14900 psi	chs 2.0 in/min; ASTM D638
Flexural Modulus	6.759 GPa	980.3 ksi	tangent; chs 0.05 in/min; ASTM D790
Izod Impact, Notched	0.641 J/cm @Thickness 3.17 mm, Temperature 23.0 °C	1.20 ft-lb/in @Thickness 0.125 in, Temperature 73.4 °F	ASTM D256

Descriptive Properties	Value	Comments
Glass Content (%)	30	ASTM D5630

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