

Diamond Polymers DIAMALLOY 730 ABS/PC Alloy, Flame Retardant

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

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-730-ABSPC-Alloy-Flame-Retardant.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.19 g/cc	1.19 g/cc	ASTM D792
Linear Mold Shrinkage	0.0040 - 0.0080 cm/cm	0.0040 - 0.0080 in/in	ASTM D955
Melt Flow	10 g/10 min @Load 2.16 kg, Temperature 260 °C	10 g/10 min @Load 4.76 lb, Temperature 500 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	62.0 MPa	8990 psi	chs 2.0 in/min; ASTM D638
Flexural Modulus	2.415 GPa	350.3 ksi	chs 0.05 in/min; ASTM D790
Izod Impact, Notched	5.30 J/cm @Thickness 3.17 mm	9.93 ft-lb/in @Thickness 0.125 in	ASTM D256

Thermal Properties	Metric	English	Comments
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	

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