

Diamond Polymers ABSPC 9901GF20 Injection Molding Grade, 20% Glass Filled

Category : Polymer , Thermoplastic , ABS Polymer , Polycarbonate/ABS Alloy, Glass Fiber Filled , 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-ABSPC-9901GF20-Injection-Molding-Grade-20-Glass-Filled.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.27 g/cc	1.27 g/cc	ASTM D792
Melt Flow	22 g/10 min @Load 5.00 kg, Temperature 265 °C	22 g/10 min @Load 11.0 lb, Temperature 509 °F	ASTM D1238
Ash	18 - 22 %	18 - 22 %	ASTM D5630

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	74.1 MPa	10700 psi	chs 2.0 in/min; ASTM D638
Elongation at Break	1.9 %	1.9 %	chs 2.0 in/min; ASTM D638
Flexural Strength	109.6 MPa @Thickness 3.17 mm	15900 psi @Thickness 0.125 in	chs 0.05 in/min; ASTM D790
Flexural Modulus	4.823 GPa @Thickness 3.17 mm	699.5 ksi @Thickness 0.125 in	tangent; chs 0.05 in/min; ASTM D790
Izod Impact, Notched	0.801 J/cm @Thickness 3.17 mm, Temperature 23.0 °C	1.50 ft-lb/in @Thickness 0.125 in, Temperature 73.4 °F	ASTM D256

Thermal Properties	Metric	English	Comments
Vicat Softening Point	137 °C @Load 1.00 kg, Thickness 3.17 mm	279 °F @Load 2.20 lb, Thickness 0.125 in	ASTM D1525

Contact Songhan Plastic Technology Co.,Ltd.Website : www.lookpolymers.comEmail : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

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