

Albis Plastics Polypropylene A 12 H-GK20/GF20 C , 20% Glass Bead/20% Glass Fiber (discontinued **)

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene with Glass Fiber + Bead Filler

Material Notes:

Semi-crystalline Polypropylene Homopolymer (PPHP) Characteristics: Chemically Coupled Fiber; Good Dimensional Stability Applications: Appliances, Furniture, Cases, Packaging and Novelties Processing: Injection Molding (Melt Temperature: 425-575°F, Mold Temperature: 65-160°F) Data supplied by Albis Plastics Corporation.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Albis-Plastics-Polypropylene-A-12-H-GK20GF20-C-20-Glass-Bead20-Glass-Fiber-nbspdiscontinued-.php

Physical Properties	Metric	English	Comments
Density	1.20 g/cc	0.0434 lb/in ³	ASTM D792
Melt Flow	6.0 g/10 min	6.0 g/10 min	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	50.3 MPa	7300 psi	ASTM D638
Elongation at Break	3.0 %	3.0 %	ASTM D638
Modulus of Elasticity	4.50 GPa	653 ksi	ASTM D638
Flexural Yield Strength	75.2 MPa	10900 psi	ASTM D790
Izod Impact, Notched	0.640 J/cm	1.20 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	140 °C	284 °F	ASTM D648
Vicat Softening Point	125 °C	257 °F	(VST/B/50); ASTM D1525

Processing Properties	Metric	English	Comments
Melt Temperature	218 - 302 °C	424 - 576 °F	Injection
Mold Temperature	18.0 - 71.0 °C	64.4 - 160 °F	

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