

Albis Plastics PC/PET 748/718 GF 20 HZ 20% Glass Fiber (discontinued **)

Category : Polymer , Thermoplastic , Polycarbonate (PC) , Polycarbonate/PET Polyester Blend, Glass Reinforced , Polyester, TP , Polyethylene Terephthalate (PET)

Material Notes:

Amorphous Polycarbonate /Polyethylene Terephthalate Blend (PC/PET)Characteristics: High Strength, Rigidity and Creep Resistance. Good Chemical ResistanceApplications: Pump Components, Industrial and Automotive ApplicationsProcessing: Injection Molding: Melt Temperature:500-540° F, Mold Temperature:170-240° FData supplied by Albis Plastics Corporation.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Albis-Plastics-PCPET-748718-GF-20-HZ-20-Glass-Fiber-nbspdiscontinued-.php

Physical Properties	Metric	English	Comments
Density	1.35 g/cc	0.0488 lb/in ³	ASTM D792
Linear Mold Shrinkage	0.0010 - 0.0060 cm/cm	0.0010 - 0.0060 in/in	ASTM D955

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	89.6 MPa	13000 psi	ASTM D638
Elongation at Break	4.0 %	4.0 %	ASTM D638
Flexural Yield Strength	144.8 MPa	21000 psi	ASTM D790
Flexural Modulus	5.41 GPa	785 ksi	ASTM D790
Izod Impact, Notched	1.87 J/cm	3.50 ft-lb/in	1/8" sample; ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	116 °C	241 °F	ASTM D648

Processing Properties	Metric	English	Comments
Melt Temperature	260 - 282 °C	500 - 540 °F	Injection
Mold Temperature	77.0 - 116 °C	171 - 241 °F	

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