

Aclo Accutech Polypropylene Homopolymer HP0334G20CL Glass Reinforced Coupled

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene with 20% Glass Fiber Filler

Material Notes:

Order this product through the following link:

http://www.lookpolymers.com/polymer_Aclo-Accutech-Polypropylene-Homopolymer-HP0334G20CL-Glass-Reinforced-Coupled.php

Physical Properties	Metric	English	Comments
Density	1.03 g/cc	0.0372 lb/in ³	ASTM D792
Linear Mold Shrinkage	0.0030 cm/cm	0.0030 in/in	MD; ASTM D955
Melt Flow	5.0 g/10 min	5.0 g/10 min	ASTM D1238
Ash	20 %	20 %	ASTM D2584

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	96	96	ASTM D785
Tensile Strength at Break	50.0 MPa	7250 psi	ASTM D638
Tensile Strength, Yield	52.0 MPa	7540 psi	ASTM D638
Elongation at Break	6.0 %	6.0 %	ASTM D638
Elongation at Yield	4.0 %	4.0 %	ASTM D638
Tensile Modulus	2.899 GPa	420.5 ksi	ASTM D638
Flexural Strength	71.98 MPa	10440 psi	ASTM D790
Flexural Modulus	3.699 GPa	536.5 ksi	ASTM D790
Izod Impact, Notched	0.438 J/cm	0.820 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	140 °C	284 °F	ASTM D648
Deflection Temperature at 1.8 MPa (264 psi)	132 °C	270 °F	

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