

Aclo Accutech Polypropylene Copolymer CP0436G40CL Glass Reinforced

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene with 40% Glass Fiber Filler

Material Notes:

Order this product through the following link:

http://www.lookpolymers.com/polymer_Aclo-Accutech-Polypropylene-Copolymer-CP0436G40CL-Glass-Reinforced.php

Physical Properties	Metric	English	Comments
Density	1.20 g/cc	0.0434 lb/in ³	ASTM D792
Linear Mold Shrinkage	0.0010 cm/cm	0.0010 in/in	MD; ASTM D955
Melt Flow	4.0 g/10 min	4.0 g/10 min	ASTM D1238
Ash	40 %	40 %	ASTM D2584

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	91	91	ASTM D785
Tensile Strength at Break	57.0 MPa	8270 psi	ASTM D638
Tensile Strength, Yield	58.0 MPa	8410 psi	ASTM D638
Elongation at Break	9.0 %	9.0 %	ASTM D638
Elongation at Yield	6.0 %	6.0 %	ASTM D638
Tensile Modulus	4.000 GPa	580.1 ksi	ASTM D638
Flexural Strength	87.98 MPa	12760 psi	ASTM D790
Flexural Modulus	5.699 GPa	826.6 ksi	ASTM D790
Izod Impact, Notched	2.14 J/cm	4.00 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	158 °C	316 °F	ASTM D648
Deflection Temperature at 1.8 MPa (264 psi)	139 °C	282 °F	

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