

Aclo Accutech Polypropylene Homopolymer HP0336G5M25CL Glass/Mineral Reinforced Coupled

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene, Glass/Mineral Reinforced

Material Notes:

Order this product through the following link:

http://www.lookpolymers.com/polymer_Aclo-Accutech-Polypropylene-Homopolymer-HP0336G5M25CL-GlassMineral-Reinforced-Coupled.php

Physical Properties	Metric	English	Comments
Density	1.10 g/cc	0.0397 lb/in ³	ASTM D792
Linear Mold Shrinkage	0.0050 cm/cm	0.0050 in/in	MD; ASTM D955
Melt Flow	3.0 g/10 min	3.0 g/10 min	ASTM D1238
Ash	30 %	30 %	ASTM D2584

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	70	70	ASTM D785
Tensile Strength at Break	33.0 MPa	4790 psi	ASTM D638
Tensile Strength, Yield	37.0 MPa	5370 psi	ASTM D638
Elongation at Break	7.0 %	7.0 %	ASTM D638
Elongation at Yield	4.0 %	4.0 %	ASTM D638
Tensile Modulus	3.299 GPa	478.5 ksi	ASTM D638
Flexural Strength	57.0 MPa	8270 psi	ASTM D790
Flexural Modulus	3.900 GPa	565.6 ksi	ASTM D790
Izod Impact, Notched	0.427 J/cm	0.800 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	139 °C	282 °F	ASTM D648
Deflection Temperature at 1.8 MPa (264 psi)	96.1 °C	205 °F	

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