

Aclo Accutech Polypropylene Homopolymer HP0334G5M25CL 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-HP0334G5M25CL-GlassMineral-Reinforced-Coupled.php

Physical Properties	Metric	English	Comments
Density	1.18 g/cc	0.0426 lb/in ³	ASTM D792
Linear Mold Shrinkage	0.0050 cm/cm	0.0050 in/in	MD; ASTM D955
Melt Flow	1.0 g/10 min	1.0 g/10 min	ASTM D1238
Ash	30 %	30 %	ASTM D2584

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	72	72	ASTM D785
Tensile Strength at Break	25.0 MPa	3630 psi	ASTM D638
Tensile Strength, Yield	34.0 MPa	4930 psi	ASTM D638
Elongation at Break	8.0 %	8.0 %	ASTM D638
Elongation at Yield	4.0 %	4.0 %	ASTM D638
Tensile Modulus	3.499 GPa	507.5 ksi	ASTM D638
Flexural Strength	53.0 MPa	7690 psi	ASTM D790
Flexural Modulus	3.499 GPa	507.5 ksi	ASTM D790
Izod Impact, Notched	0.502 J/cm	0.940 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	136 °C	277 °F	ASTM D648
Deflection Temperature at 1.8 MPa (264 psi)	87.2 °C	189 °F	

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