

Aclo Accutech Polypropylene Homopolymer HP0336M30CL Mica Reinforced Coupled

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene with 30% Mica Filler

Material Notes:

Order this product through the following link:

http://www.lookpolymers.com/polymer_Aclo-Accutech-Polypropylene-Homopolymer-HP0336M30CL-Mica-Reinforced-Coupled.php

Physical Properties	Metric	English	Comments
Density	1.10 g/cc	0.0397 lb/in ³	ASTM D792
Linear Mold Shrinkage	0.0070 cm/cm	0.0070 in/in	MD; ASTM D955
Melt Flow	7.0 g/10 min	7.0 g/10 min	ASTM D1238
Ash	30 %	30 %	ASTM D2584

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	68	68	ASTM D785
Tensile Strength at Break	30.0 MPa	4350 psi	ASTM D638
Tensile Strength, Yield	37.0 MPa	5370 psi	ASTM D638
Elongation at Break	8.0 %	8.0 %	ASTM D638
Elongation at Yield	4.0 %	4.0 %	ASTM D638
Tensile Modulus	3.699 GPa	536.5 ksi	ASTM D638
Flexural Strength	50.0 MPa	7250 psi	ASTM D790
Flexural Modulus	3.900 GPa	565.6 ksi	ASTM D790
Izod Impact, Notched	0.411 J/cm	0.770 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	129 °C	264 °F	ASTM D648
Deflection Temperature at 1.8 MPa (264 psi)	85.0 °C	185 °F	

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