

Aclo Accutech Polypropylene Homopolymer HP0339M10CL Mica Reinforced Coupled

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene with 10% Mica Filler

Material Notes:

Order this product through the following link:

http://www.lookpolymers.com/polymer_Aclo-Accutech-Polypropylene-Homopolymer-HP0339M10CL-Mica-Reinforced-Coupled.php

Physical Properties	Metric	English	Comments
Density	0.960 g/cc	0.0347 lb/in ³	ASTM D792
Linear Mold Shrinkage	0.010 cm/cm	0.010 in/in	MD; ASTM D955
Melt Flow	17 g/10 min	17 g/10 min	ASTM D1238
Ash	10 %	10 %	ASTM D2584

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	95	95	ASTM D785
Tensile Strength at Break	32.0 MPa	4640 psi	ASTM D638
Tensile Strength, Yield	37.0 MPa	5370 psi	ASTM D638
Elongation at Break	17 %	17 %	ASTM D638
Elongation at Yield	7.0 %	7.0 %	ASTM D638
Tensile Modulus	1.900 GPa	275.5 ksi	ASTM D638
Flexural Strength	48.0 MPa	6960 psi	ASTM D790
Flexural Modulus	2.00 GPa	290 ksi	ASTM D790
Izod Impact, Notched	0.320 J/cm	0.600 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	113 °C	235 °F	ASTM D648
Deflection Temperature at 1.8 MPa (264 psi)	62.8 °C	145 °F	

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