

Aclo Accutech Polypropylene Homopolymer HP0336M10CL 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-HP0336M10CL-Mica-Reinforced-Coupled.php

Physical Properties	Metric	English	Comments
Density	0.960 g/cc	0.0347 lb/in ³	ASTM D792
Linear Mold Shrinkage	0.0090 cm/cm	0.0090 in/in	MD; ASTM D955
Melt Flow	10 g/10 min	10 g/10 min	ASTM D1238
Ash	10 %	10 %	ASTM D2584

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	85	85	ASTM D785
Tensile Strength at Break	27.0 MPa	3920 psi	ASTM D638
Tensile Strength, Yield	35.0 MPa	5080 psi	ASTM D638
Elongation at Break	20 %	20 %	ASTM D638
Elongation at Yield	7.0 %	7.0 %	ASTM D638
Tensile Modulus	1.900 GPa	275.5 ksi	ASTM D638
Flexural Strength	43.0 MPa	6240 psi	ASTM D790
Flexural Modulus	1.900 GPa	275.5 ksi	ASTM D790
Izod Impact, Notched	0.379 J/cm	0.710 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	117 °C	243 °F	ASTM D648
Deflection Temperature at 1.8 MPa (264 psi)	62.8 °C	145 °F	

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