

Aclo Accutech Polypropylene Copolymer CP0437M20L Mica Reinforced

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene with 20% Mica Filler

Material Notes:

Order this product through the following link:

http://www.lookpolymers.com/polymer_Aclo-Accutech-Polypropylene-Copolymer-CP0437M20L-Mica-Reinforced.php

Physical Properties	Metric	English	Comments
Density	1.03 g/cc	0.0372 lb/in ³	ASTM D792
Linear Mold Shrinkage	0.0090 cm/cm	0.0090 in/in	MD; ASTM D955
Melt Flow	18 g/10 min	18 g/10 min	ASTM D1238
Ash	20 %	20 %	ASTM D2584

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	42	42	ASTM D785
Tensile Strength at Break	13.0 MPa	1890 psi	ASTM D638
Tensile Strength, Yield	16.0 MPa	2320 psi	ASTM D638
Elongation at Break	17 %	17 %	ASTM D638
Elongation at Yield	4.0 %	4.0 %	ASTM D638
Tensile Modulus	1.60 GPa	232 ksi	ASTM D638
Flexural Strength	21.0 MPa	3050 psi	ASTM D790
Flexural Modulus	1.600 GPa	232.1 ksi	ASTM D790
Izod Impact, Notched	1.98 J/cm	3.70 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	88.9 °C	192 °F	ASTM D648
Deflection Temperature at 1.8 MPa (264 psi)	53.9 °C	129 °F	

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