

Aclo Accutech Polypropylene Copolymer CP0437W10L1 Wollastonite Reinforced

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene, Mineral Reinforced

Material Notes:

Order this product through the following link:

http://www.lookpolymers.com/polymer_Aclo-Accutech-Polypropylene-Copolymer-CP0437W10L1-Wollastonite-Reinforced.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	18 g/10 min	18 g/10 min	ASTM D1238
Ash	10 %	10 %	ASTM D2584

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	57	57	ASTM D785
Tensile Strength at Break	14.0 MPa	2030 psi	ASTM D638
Tensile Strength, Yield	18.0 MPa	2610 psi	ASTM D638
Elongation at Break	40 %	40 %	ASTM D638
Elongation at Yield	5.0 %	5.0 %	ASTM D638
Tensile Modulus	1.100 GPa	159.5 ksi	ASTM D638
Flexural Strength	20.0 MPa	2900 psi	ASTM D790
Flexural Modulus	0.8998 GPa	130.5 ksi	ASTM D790
Izod Impact, Notched	2.99 J/cm	5.60 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	80.0 °C	176 °F	ASTM D648
Deflection Temperature at 1.8 MPa (264 psi)	51.1 °C	124 °F	

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