

Aclo Accutech Polypropylene Copolymer CP0437C20L1 Calcium Reinforced

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene with 20% Calcium Carbonate (CaCO3) Filler

Material Notes:

Order this product through the following link:

http://www.lookpolymers.com/polymer_Aclo-Accutech-Polypropylene-Copolymer-CP0437C20L1-Calcium-Reinforced.php

Physical Properties	Metric	English	Comments
Density	1.021 g/cc	0.03689 lb/in ³	ASTM D792
Linear Mold Shrinkage	0.0010 cm/cm	0.0010 in/in	MD; ASTM D955
Melt Flow	20 g/10 min	20 g/10 min	ASTM D1238
Ash	20 %	20 %	ASTM D2584

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	55	55	ASTM D785
Tensile Strength at Break	12.0 MPa	1740 psi	ASTM D638
Tensile Strength, Yield	15.0 MPa	2180 psi	ASTM D638
Elongation at Break	60 %	60 %	ASTM D638
Elongation at Yield	4.0 %	4.0 %	ASTM D638
Tensile Modulus	1.00 GPa	145 ksi	ASTM D638
Flexural Strength	17.0 MPa	2470 psi	ASTM D790
Flexural Modulus	0.800 GPa	116 ksi	ASTM D790
Izod Impact, Notched	6.19 J/cm	11.6 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	70.0 °C	158 °F	ASTM D648
Deflection Temperature at 1.8 MPa (264 psi)	47.2 °C	117 °F	

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