

Aclo Accutech Polypropylene Copolymer CP0436T10L Talc Reinforced

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

Material Notes:

Order this product through the following link:

http://www.lookpolymers.com/polymer_Aclo-Accutech-Polypropylene-Copolymer-CP0436T10L-Talc-Reinforced.php

Physical Properties	Metric	English	Comments
Density	0.950 g/cc	0.0343 lb/in ³	ASTM D792
Linear Mold Shrinkage	0.0010 cm/cm	0.0010 in/in	MD; ASTM D955
Melt Flow	12 g/10 min	12 g/10 min	ASTM D1238
Ash	10 %	10 %	ASTM D2584

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	62	62	ASTM D785
Tensile Strength at Break	16.0 MPa	2320 psi	ASTM D638
Tensile Strength, Yield	23.0 MPa	3340 psi	ASTM D638
Elongation at Break	40 %	40 %	ASTM D638
Elongation at Yield	5.0 %	5.0 %	ASTM D638
Tensile Modulus	1.300 GPa	188.5 ksi	ASTM D638
Flexural Strength	27.0 MPa	3920 psi	ASTM D790
Flexural Modulus	1.150 GPa	166.8 ksi	ASTM D790
Izod Impact, Notched	0.961 J/cm	1.80 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	87.8 °C	190 °F	ASTM D648
Deflection Temperature at 1.8 MPa (264 psi)	52.2 °C	126 °F	

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