

Aclo Accutech Polypropylene Copolymer CP0436T40L1 Talc Reinforced

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene with 40% Talc Filler

Material Notes:

Order this product through the following link:

http://www.lookpolymers.com/polymer_Aclo-Accutech-Polypropylene-Copolymer-CP0436T40L1-Talc-Reinforced.php

Physical Properties	Metric	English	Comments
Density	1.22 g/cc	0.0441 lb/in ³	ASTM D792
Linear Mold Shrinkage	0.0060 cm/cm	0.0060 in/in	MD; ASTM D955
Melt Flow	11 g/10 min	11 g/10 min	ASTM D1238
Ash	40 %	40 %	ASTM D2584

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	50	50	ASTM D785
Tensile Strength at Break	20.0 MPa	2900 psi	ASTM D638
Tensile Strength, Yield	23.0 MPa	3340 psi	ASTM D638
Elongation at Break	7.0 %	7.0 %	ASTM D638
Elongation at Yield	2.0 %	2.0 %	ASTM D638
Tensile Modulus	3.00 GPa	435 ksi	ASTM D638
Flexural Strength	33.0 MPa	4790 psi	ASTM D790
Flexural Modulus	3.299 GPa	478.5 ksi	ASTM D790
Izod Impact, Notched	0.534 J/cm	1.00 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	125 °C	257 °F	ASTM D648
Deflection Temperature at 1.8 MPa (264 psi)	67.8 °C	154 °F	

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