

Aclo Accutech Polypropylene Copolymer CP0436T30L1 Talc Reinforced

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene with 30% Talc Filler

Material Notes:

Order this product through the following link:

http://www.lookpolymers.com/polymer_Aclo-Accutech-Polypropylene-Copolymer-CP0436T30L1-Talc-Reinforced.php

Physical Properties	Metric	English	Comments
Density	1.12 g/cc	0.0405 lb/in ³	ASTM D792
Linear Mold Shrinkage	0.0070 cm/cm	0.0070 in/in	MD; ASTM D955
Melt Flow	12 g/10 min	12 g/10 min	ASTM D1238
Ash	30 %	30 %	ASTM D2584

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	54	54	ASTM D785
Tensile Strength at Break	19.0 MPa	2760 psi	ASTM D638
Tensile Strength, Yield	23.0 MPa	3340 psi	ASTM D638
Elongation at Break	12 %	12 %	ASTM D638
Elongation at Yield	3.0 %	3.0 %	ASTM D638
Tensile Modulus	2.299 GPa	333.5 ksi	ASTM D638
Flexural Strength	32.0 MPa	4640 psi	ASTM D790
Flexural Modulus	2.499 GPa	362.5 ksi	ASTM D790
Izod Impact, Notched	0.641 J/cm	1.20 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	117 °C	243 °F	ASTM D648
Deflection Temperature at 1.8 MPa (264 psi)	62.8 °C	145 °F	

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