

Aclo Accutech Polypropylene Homopolymer HP0336T30L1 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-Homopolymer-HP0336T30L1-Talc-Reinforced.php

Physical Properties	Metric	English	Comments
Density	1.10 g/cc	0.0397 lb/in ³	ASTM D792
Linear Mold Shrinkage	0.0090 cm/cm	0.0090 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	88	88	ASTM D785
Tensile Strength at Break	30.0 MPa	4350 psi	ASTM D638
Tensile Strength, Yield	35.0 MPa	5080 psi	ASTM D638
Elongation at Break	12 %	12 %	ASTM D638
Elongation at Yield	5.0 %	5.0 %	ASTM D638
Tensile Modulus	1.900 GPa	275.5 ksi	ASTM D638
Flexural Strength	49.0 MPa	7110 psi	ASTM D790
Flexural Modulus	3.005 GPa	435.9 ksi	ASTM D790
Izod Impact, Notched	0.299 J/cm	0.560 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	130 °C	266 °F	ASTM D648
Deflection Temperature at 1.8 MPa (264 psi)	72.2 °C	162 °F	

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