

Aclo Accutech Polypropylene Homopolymer HP0339W30L1 Wollastonite Reinforced

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene, Mineral Reinforced

Material Notes:

Order this product through the following link:

http://www.lookpolymers.com/polymer_Aclo-Accutech-Polypropylene-Homopolymer-HP0339W30L1-Wollastonite-Reinforced.php

Physical Properties	Metric	English	Comments
Density	1.14 g/cc	0.0412 lb/in ³	ASTM D792
Linear Mold Shrinkage	0.0070 cm/cm	0.0070 in/in	MD; ASTM D955
Melt Flow	21 g/10 min	21 g/10 min	ASTM D1238
Ash	30 %	30 %	ASTM D2584

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	83	83	ASTM D785
Tensile Strength at Break	26.0 MPa	3770 psi	ASTM D638
Tensile Strength, Yield	32.0 MPa	4640 psi	ASTM D638
Elongation at Break	15 %	15 %	ASTM D638
Elongation at Yield	5.0 %	5.0 %	ASTM D638
Tensile Modulus	3.099 GPa	449.5 ksi	ASTM D638
Flexural Strength	42.0 MPa	6090 psi	ASTM D790
Flexural Modulus	3.099 GPa	449.5 ksi	ASTM D790
Izod Impact, Notched	0.278 J/cm	0.520 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)	77.2 °C	171 °F	

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