

Aclo Accutech Polypropylene Homopolymer HP0334W20L1 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-HP0334W20L1-Wollastonite-Reinforced.php

Physical Properties	Metric	English	Comments
Density	1.04 g/cc	0.0376 lb/in ³	ASTM D792
Linear Mold Shrinkage	0.0090 cm/cm	0.0090 in/in	MD; ASTM D955
Melt Flow	6.0 g/10 min	6.0 g/10 min	ASTM D1238
Ash	20 %	20 %	ASTM D2584

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	84	84	ASTM D785
Tensile Strength at Break	23.0 MPa	3340 psi	ASTM D638
Tensile Strength, Yield	34.0 MPa	4930 psi	ASTM D638
Elongation at Break	22 %	22 %	ASTM D638
Elongation at Yield	6.0 %	6.0 %	ASTM D638
Tensile Modulus	2.099 GPa	304.5 ksi	ASTM D638
Flexural Strength	36.0 MPa	5220 psi	ASTM D790
Flexural Modulus	2.099 GPa	304.5 ksi	ASTM D790
Izod Impact, Notched	0.481 J/cm	0.900 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	112 °C	234 °F	ASTM D648
Deflection Temperature at 1.8 MPa (264 psi)	63.9 °C	147 °F	

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