

## Aclo Accutech Polypropylene Copolymer CP0437W30L1 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-Copolymer-CP0437W30L1-Wollastonite-Reinforced.php](http://www.lookpolymers.com/polymer_Aclo-Accutech-Polypropylene-Copolymer-CP0437W30L1-Wollastonite-Reinforced.php)

Physical Properties	Metric	English	Comments
Density	1.13 g/cc	0.0408 lb/in <sup>3</sup>	ASTM D792
Linear Mold Shrinkage	0.0060 cm/cm	0.0060 in/in	MD; ASTM D955
Melt Flow	18 g/10 min	18 g/10 min	ASTM D1238
Ash	30 %	30 %	ASTM D2584

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	47	47	ASTM D785
Tensile Strength at Break	14.0 MPa	2030 psi	ASTM D638
Tensile Strength, Yield	17.0 MPa	2470 psi	ASTM D638
Elongation at Break	16 %	16 %	ASTM D638
Elongation at Yield	4.0 %	4.0 %	ASTM D638
Tensile Modulus	1.900 GPa	275.5 ksi	ASTM D638
Flexural Strength	20.0 MPa	2900 psi	ASTM D790
Flexural Modulus	1.80 GPa	261 ksi	ASTM D790
Izod Impact, Notched	1.92 J/cm	3.60 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	97.8 °C	208 °F	ASTM D648
Deflection Temperature at 1.8 MPa (264 psi)	57.2 °C	135 °F	

### Contact Songhan Plastic Technology Co.,Ltd.

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