

## Aclo Accutech Polypropylene Copolymer CP0437C10L1 Calcium Reinforced

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene with 10% Calcium Carbonate (CaCO3) Filler

Material Notes:

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Aclo-Accutech-Polypropylene-Copolymer-CP0437C10L1-Calcium-Reinforced.php](http://www.lookpolymers.com/polymer_Aclo-Accutech-Polypropylene-Copolymer-CP0437C10L1-Calcium-Reinforced.php)

Physical Properties	Metric	English	Comments
Density	0.952 g/cc	0.0344 lb/in <sup>3</sup>	ASTM D792
Linear Mold Shrinkage	0.012 cm/cm	0.012 in/in	MD; ASTM D955
Melt Flow	20 g/10 min	20 g/10 min	ASTM D1238
Ash	10 %	10 %	ASTM D2584

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	55	55	ASTM D785
Tensile Strength at Break	12.0 MPa	1740 psi	ASTM D638
Tensile Strength, Yield	16.0 MPa	2320 psi	ASTM D638
Elongation at Break	100 %	100 %	ASTM D638
Elongation at Yield	5.0 %	5.0 %	ASTM D638
Tensile Modulus	0.8998 GPa	130.5 ksi	ASTM D638
Flexural Strength	17.0 MPa	2470 psi	ASTM D790
Flexural Modulus	0.6998 GPa	101.5 ksi	ASTM D790
Izod Impact, Notched	6.51 J/cm	12.2 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	67.8 °C	154 °F	ASTM D648
Deflection Temperature at 1.8 MPa (264 psi)	46.1 °C	115 °F	

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

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