

## Aclo Accutech Polypropylene Copolymer CP0436M10L Mica Reinforced

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene with 10% Mica Filler

Material Notes:

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Aclo-Accutech-Polypropylene-Copolymer-CP0436M10L-Mica-Reinforced.php](http://www.lookpolymers.com/polymer_Aclo-Accutech-Polypropylene-Copolymer-CP0436M10L-Mica-Reinforced.php)

Physical Properties	Metric	English	Comments
Density	0.950 g/cc	0.0343 lb/in <sup>3</sup>	ASTM D792
Linear Mold Shrinkage	0.010 cm/cm	0.010 in/in	MD; ASTM D955
Melt Flow	12 g/10 min	12 g/10 min	ASTM D1238
Ash	10 %	10 %	ASTM D2584

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	53	53	ASTM D785
Tensile Strength at Break	16.0 MPa	2320 psi	ASTM D638
Tensile Strength, Yield	22.0 MPa	3190 psi	ASTM D638
Elongation at Break	26 %	26 %	ASTM D638
Elongation at Yield	5.0 %	5.0 %	ASTM D638
Tensile Modulus	1.500 GPa	217.5 ksi	ASTM D638
Flexural Strength	27.0 MPa	3920 psi	ASTM D790
Flexural Modulus	1.350 GPa	195.8 ksi	ASTM D790
Izod Impact, Notched	1.07 J/cm	2.00 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	95.0 °C	203 °F	ASTM D648
Deflection Temperature at 1.8 MPa (264 psi)	55.0 °C	131 °F	

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

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