

## Aclo Accutech Polypropylene Copolymer CP0437M30L Mica Reinforced

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene with 30% Mica Filler

Material Notes:

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Aclo-Accutech-Polypropylene-Copolymer-CP0437M30L-Mica-Reinforced.php](http://www.lookpolymers.com/polymer_Aclo-Accutech-Polypropylene-Copolymer-CP0437M30L-Mica-Reinforced.php)

Physical Properties	Metric	English	Comments
Density	1.10 g/cc	0.0397 lb/in <sup>3</sup>	ASTM D792
Linear Mold Shrinkage	0.0070 cm/cm	0.0070 in/in	MD; ASTM D955
Melt Flow	16 g/10 min	16 g/10 min	ASTM D1238
Ash	30 %	30 %	ASTM D2584

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	39	39	ASTM D785
Tensile Strength at Break	14.0 MPa	2030 psi	ASTM D638
Tensile Strength, Yield	15.0 MPa	2180 psi	ASTM D638
Elongation at Break	10 %	10 %	ASTM D638
Elongation at Yield	3.0 %	3.0 %	ASTM D638
Tensile Modulus	2.00 GPa	290 ksi	ASTM D638
Flexural Strength	21.0 MPa	3050 psi	ASTM D790
Flexural Modulus	2.100 GPa	304.6 ksi	ASTM D790
Izod Impact, Notched	1.49 J/cm	2.80 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	97.2 °C	207 °F	ASTM D648
Deflection Temperature at 1.8 MPa (264 psi)	57.8 °C	136 °F	

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