

## Aclo Accutech Polypropylene Homopolymer HP0339M20CL Mica Reinforced Coupled

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene with 20% Mica Filler

Material Notes:

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Aclo-Accutech-Polypropylene-Homopolymer-HP0339M20CL-Mica-Reinforced-Coupled.php](http://www.lookpolymers.com/polymer_Aclo-Accutech-Polypropylene-Homopolymer-HP0339M20CL-Mica-Reinforced-Coupled.php)

Physical Properties	Metric	English	Comments
Density	1.027 g/cc	0.03710 lb/in <sup>3</sup>	ASTM D792
Linear Mold Shrinkage	0.0090 cm/cm	0.0090 in/in	MD; ASTM D955
Melt Flow	14 g/10 min	14 g/10 min	ASTM D1238
Ash	20 %	20 %	ASTM D2584

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	80	80	ASTM D785
Tensile Strength at Break	31.0 MPa	4500 psi	ASTM D638
Tensile Strength, Yield	35.0 MPa	5080 psi	ASTM D638
Elongation at Break	12 %	12 %	ASTM D638
Elongation at Yield	5.0 %	5.0 %	ASTM D638
Tensile Modulus	2.499 GPa	362.5 ksi	ASTM D638
Flexural Strength	51.0 MPa	7400 psi	ASTM D790
Flexural Modulus	3.00 GPa	435 ksi	ASTM D790
Izod Impact, Notched	0.331 J/cm	0.620 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	126 °C	259 °F	ASTM D648
Deflection Temperature at 1.8 MPa (264 psi)	71.1 °C	160 °F	

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

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