

## Aclo Accutech Polypropylene Homopolymer HP0334M10CL Mica Reinforced Coupled

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-Homopolymer-HP0334M10CL-Mica-Reinforced-Coupled.php](http://www.lookpolymers.com/polymer_Aclo-Accutech-Polypropylene-Homopolymer-HP0334M10CL-Mica-Reinforced-Coupled.php)

| Physical Properties   | Metric       | English                   | Comments      |
|-----------------------|--------------|---------------------------|---------------|
| Density               | 0.960 g/cc   | 0.0347 lb/in <sup>3</sup> | ASTM D792     |
| Linear Mold Shrinkage | 0.010 cm/cm  | 0.010 in/in               | MD; ASTM D955 |
| Melt Flow             | 3.0 g/10 min | 3.0 g/10 min              | ASTM D1238    |
| Ash                   | 10 %         | 10 %                      | ASTM D2584    |

| Mechanical Properties     | Metric     | English        | Comments  |
|---------------------------|------------|----------------|-----------|
| Hardness, Rockwell R      | 84         | 84             | ASTM D785 |
| Tensile Strength at Break | 25.0 MPa   | 3630 psi       | ASTM D638 |
| Tensile Strength, Yield   | 36.0 MPa   | 5220 psi       | ASTM D638 |
| Elongation at Break       | 21 %       | 21 %           | ASTM D638 |
| Elongation at Yield       | 8.0 %      | 8.0 %          | ASTM D638 |
| Tensile Modulus           | 1.80 GPa   | 261 ksi        | ASTM D638 |
| Flexural Strength         | 41.0 MPa   | 5950 psi       | ASTM D790 |
| Flexural Modulus          | 1.80 GPa   | 261 ksi        | ASTM D790 |
| Izod Impact, Notched      | 0.502 J/cm | 0.940 ft-lb/in | ASTM D256 |

| Thermal Properties                          | Metric  | English | Comments  |
|---------------------------------------------|---------|---------|-----------|
| Deflection Temperature at 0.46 MPa (66 psi) | 112 °C  | 234 °F  | ASTM D648 |
| Deflection Temperature at 1.8 MPa (264 psi) | 58.9 °C | 138 °F  |           |

## Contact Songhan Plastic Technology Co.,Ltd.

Website : [www.lookpolymers.com](http://www.lookpolymers.com)

Email : [sales@lookpolymers.com](mailto:sales@lookpolymers.com)

**Tel : +86 021-51131842**

**Mobile : +86 13061808058**

**Skype : lookpolymers**

**Address : United North Road 215,Fengxian District, Shanghai City,China**