

## Aclo Accutech Polypropylene Copolymer CP0437C40L Calcium Reinforced

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene with 40% Calcium Carbonate (CaCO3) Filler

Material Notes:

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Aclo-Accutech-Polypropylene-Copolymer-CP0437C40L-Calcium-Reinforced.php](http://www.lookpolymers.com/polymer_Aclo-Accutech-Polypropylene-Copolymer-CP0437C40L-Calcium-Reinforced.php)

| Physical Properties   | Metric       | English                   | Comments      |
|-----------------------|--------------|---------------------------|---------------|
| Density               | 1.21 g/cc    | 0.0437 lb/in <sup>3</sup> | ASTM D792     |
| Linear Mold Shrinkage | 0.0080 cm/cm | 0.0080 in/in              | MD; ASTM D955 |
| Melt Flow             | 20 g/10 min  | 20 g/10 min               | ASTM D1238    |
| Ash                   | 40 %         | 40 %                      | ASTM D2584    |

| Mechanical Properties     | Metric    | English       | Comments  |
|---------------------------|-----------|---------------|-----------|
| Hardness, Rockwell R      | 44        | 44            | ASTM D785 |
| Tensile Strength at Break | 11.0 MPa  | 1600 psi      | ASTM D638 |
| Tensile Strength, Yield   | 13.0 MPa  | 1890 psi      | ASTM D638 |
| Elongation at Break       | 20 %      | 20 %          | ASTM D638 |
| Elongation at Yield       | 2.0 %     | 2.0 %         | ASTM D638 |
| Tensile Modulus           | 1.500 GPa | 217.5 ksi     | ASTM D638 |
| Flexural Strength         | 19.0 MPa  | 2760 psi      | ASTM D790 |
| Flexural Modulus          | 1.300 GPa | 188.5 ksi     | ASTM D790 |
| Izod Impact, Notched      | 1.98 J/cm | 3.70 ft-lb/in | ASTM D256 |

| Thermal Properties                          | Metric  | English | Comments  |
|---------------------------------------------|---------|---------|-----------|
| Deflection Temperature at 0.46 MPa (66 psi) | 80.0 °C | 176 °F  | ASTM D648 |
| Deflection Temperature at 1.8 MPa (264 psi) | 52.2 °C | 126 °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