

## Aclo Accutech Polypropylene Copolymer CP0436G10CL Glass Reinforced

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

Material Notes:

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Aclo-Accutech-Polypropylene-Copolymer-CP0436G10CL-Glass-Reinforced.php](http://www.lookpolymers.com/polymer_Aclo-Accutech-Polypropylene-Copolymer-CP0436G10CL-Glass-Reinforced.php)

| Physical Properties   | Metric       | English                   | Comments      |
|-----------------------|--------------|---------------------------|---------------|
| Density               | 0.950 g/cc   | 0.0343 lb/in <sup>3</sup> | ASTM D792     |
| Linear Mold Shrinkage | 0.0030 cm/cm | 0.0030 in/in              | MD; ASTM D955 |
| Melt Flow             | 9.0 g/10 min | 9.0 g/10 min              | ASTM D1238    |
| Ash                   | 10 %         | 10 %                      | ASTM D2584    |

| Mechanical Properties     | Metric     | English       | Comments  |
|---------------------------|------------|---------------|-----------|
| Hardness, Rockwell R      | 80         | 80            | ASTM D785 |
| Tensile Strength at Break | 20.0 MPa   | 2900 psi      | ASTM D638 |
| Tensile Strength, Yield   | 28.0 MPa   | 4060 psi      | ASTM D638 |
| Elongation at Break       | 8.0 %      | 8.0 %         | ASTM D638 |
| Elongation at Yield       | 4.0 %      | 4.0 %         | ASTM D638 |
| Tensile Modulus           | 1.750 GPa  | 253.8 ksi     | ASTM D638 |
| Flexural Strength         | 40.0 MPa   | 5800 psi      | ASTM D790 |
| Flexural Modulus          | 1.750 GPa  | 253.8 ksi     | ASTM D790 |
| Izod Impact, Notched      | 0.747 J/cm | 1.40 ft-lb/in | ASTM D256 |

| Thermal Properties                          | Metric  | English | Comments  |
|---------------------------------------------|---------|---------|-----------|
| Deflection Temperature at 0.46 MPa (66 psi) | 145 °C  | 293 °F  | ASTM D648 |
| Deflection Temperature at 1.8 MPa (264 psi) | 87.8 °C | 190 °F  |           |

## Contact Songhan Plastic Technology Co.,Ltd.

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