

## Aclo Accutech Polypropylene HP0335T40V Homopolymer Talc Reinforced

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene with 40% Talc Filler

### Material Notes:

Approved to ESF-M4D355B White B12391

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Aclo-Accutech-Polypropylene-HP0335T40V-Homopolymer-Talc-Reinforced.php](http://www.lookpolymers.com/polymer_Aclo-Accutech-Polypropylene-HP0335T40V-Homopolymer-Talc-Reinforced.php)

| Physical Properties   | Metric       | English                   | Comments   |
|-----------------------|--------------|---------------------------|------------|
| Density               | 1.29 g/cc    | 0.0466 lb/in <sup>3</sup> | ASTM D792  |
| Linear Mold Shrinkage | 0.0060 cm/cm | 0.0060 in/in              | ASTM D955  |
| Melt Flow             | 5.0 g/10 min | 5.0 g/10 min              | ASTM D1238 |
| Ash                   | 39 - 45 %    | 39 - 45 %                 | ASTM D2584 |

| Mechanical Properties   | Metric     | English        | Comments  |
|-------------------------|------------|----------------|-----------|
| Hardness, Rockwell R    | 93         | 93             | ASTM D785 |
| Tensile Strength, Yield | 29.0 MPa   | 4210 psi       | ASTM D638 |
| Elongation at Break     | 3.0 %      | 3.0 %          | ASTM D638 |
| Tensile Modulus         | 3.499 GPa  | 507.5 ksi      | ASTM D638 |
| Flexural Strength       | 50.0 MPa   | 7250 psi       | ASTM D790 |
| Flexural Modulus        | 3.60 GPa   | 522 ksi        | ASTM D790 |
| Izod Impact, Notched    | 0.267 J/cm | 0.500 ft-lb/in | ASTM D256 |

| Thermal Properties                          | Metric  | English | Comments  |
|---------------------------------------------|---------|---------|-----------|
| Deflection Temperature at 0.46 MPa (66 psi) | 124 °C  | 255 °F  | ASTM D648 |
| Deflection Temperature at 1.8 MPa (264 psi) | 77.8 °C | 172 °F  |           |

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