

## Entec Hypro™ PPH-CC30 Natural Homopolymer Polypropylene, 30% Calcium Carbonate Filled

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene with 30% Calcium Carbonate (CaCO<sub>3</sub>) Filler

**Material Notes:**

Information provided by Entec

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Entec-Hypro-PPH-CC30-Natural-Homopolymer-Polypropylene-30-Calcium-Carbonate-Filled.php](http://www.lookpolymers.com/polymer_Entec-Hypro-PPH-CC30-Natural-Homopolymer-Polypropylene-30-Calcium-Carbonate-Filled.php)

| Physical Properties | Metric  | English   | Comments   |
|---------------------|---|---|------------|
| Density             | 1.15 g/cc   | 0.0415 lb/in <sup>3</sup>                             | ASTM D792  |
| Melt Flow           | 10.0 g/10 min<br>@Load 2.16 kg,<br>Temperature 230 °C | 10.0 g/10 min<br>@Load 4.76 lb,<br>Temperature 446 °F | ASTM D1238 |

| Mechanical Properties   | Metric                           | English                               | Comments           |
|-------------------------|----------------------------------|---------------------------------------|--------------------|
| Tensile Strength, Yield | 26.0 MPa                         | 3770 psi                              | ASTM D638          |
| Elongation at Break     | 40.0 %                           | 40.0 %                                | ASTM D638          |
| Elongation at Yield     | 6.00 %                           | 6.00 %                                | ASTM D638          |
| Flexural Strength       | 41.0 MPa                         | 5950 psi                              | ASTM D790          |
| Flexural Modulus        | 2.069 GPa                        | 300.1 ksi                             | tangent; ASTM D790 |
| Izod Impact, Notched    | 0.400 J/cm<br>@Thickness 3.17 mm | 0.749 ft-lb/in<br>@Thickness 0.125 in | ASTM D256          |

| Thermal Properties                          | Metric | English | Comments  |
|---|--------|---------|-----------|
| Deflection Temperature at 0.46 MPa (66 psi) | 104 °C | 219 °F  | ASTM D648 |

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

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