

## Total PPH 3576 BB Polypropylene Homopolymer, Cast Film

Category : Polymer , Film , Thermoplastic , Polypropylene (PP) , Polypropylene, Film Grade

### Material Notes:

Polypropylene 3576 BB is recommended for use in non-oriented cast films processes. It contains an optimized level of slip and anti-block additives. 3576 BB is intended for food, magazine or textile packaging, for lamination films as well as for stationary supplies. Information provided by Total Petrochemicals.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Total-PPH-3576-BB-Polypropylene-Homopolymer-Cast-Film.php](http://www.lookpolymers.com/polymer_Total-PPH-3576-BB-Polypropylene-Homopolymer-Cast-Film.php)

| Physical Properties | Metric                                               | English                                              | Comments         |
|---------------------|------------------------------------------------------|------------------------------------------------------|------------------|
| Bulk Density        | 0.525 g/cc                                           | 0.0190 lb/in <sup>3</sup>                            | ISO 1183         |
| Melt Flow           | 8.5 g/10 min<br>@Load 2.16 kg,<br>Temperature 230 °C | 8.5 g/10 min<br>@Load 4.76 lb,<br>Temperature 446 °F | ASTM D1238       |
| Antiblock Level     | 1800 ppm                                             | 1800 ppm                                             | SiO <sub>2</sub> |
| Slip Level          | 1800 ppm                                             | 1800 ppm                                             | Erucamide        |

| Mechanical Properties   | Metric     | English        | Comments  |
|-------------------------|------------|----------------|-----------|
| Tensile Strength, Yield | 30.0 MPa   | 4350 psi       | ASTM D638 |
| Flexural Modulus        | 1.40 GPa   | 203 ksi        | ASTM D790 |
| Izod Impact, Notched    | 0.350 J/cm | 0.656 ft-lb/in | ASTM D256 |

| Thermal Properties    | Metric                  | English                 | Comments   |
|-----------------------|-------------------------|-------------------------|------------|
| Melting Point         | 165 °C                  | 329 °F                  | DSC        |
| Vicat Softening Point | 153 °C<br>@Load 1.02 kg | 307 °F<br>@Load 2.25 lb | ASTM D1525 |

| Descriptive Properties | Value | Comments            |
|------------------------|-------|---------------------|
| Isotacticity Index (%) | 97.5  | Total Internal Test |

## Contact Songhan Plastic Technology Co.,Ltd.

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