

## Teknor Apex Terraloy™ BP 18003A Thermoplastic Starch + HIPS

Category : Polymer , Renewable/Recycled Polymer , Thermoplastic , Polystyrene (PS) , Polystyrene, Impact Modified

### Material Notes:

Notes: Terraloy™ BP-18003A is a Thermoplastic Starch/HIPS ready-to-process compound that contains up to 30% of TPS renewable content. This compound is intended for injection molding application. Processing Method: Injection Molding Forms: Pellets Additional Information: Biobased Content: < 30.0 Information Provided by Teknor Apex

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Teknor-Apex-Terraloy-BP-18003A-Thermoplastic-Starch-HIPS.php](http://www.lookpolymers.com/polymer_Teknor-Apex-Terraloy-BP-18003A-Thermoplastic-Starch-HIPS.php)

| Physical Properties | Metric    | English   | Comments  |
|---------------------|-----------|-----------|-----------|
| Specific Gravity    | 1.10 g/cc | 1.10 g/cc | ASTM D792 |

| Mechanical Properties     | Metric    | English       | Comments   |
|---------------------------|-----------|---------------|------------|
| Tensile Strength at Break | 17.4 MPa  | 2520 psi      | ASTM D638  |
| Elongation at Break       | 17 %      | 17 %          | ASTM D638  |
| Tensile Modulus           | 1.76 GPa  | 255 ksi       | ASTM D638  |
| Flexural Modulus          | 1.52 GPa  | 220 ksi       | ASTM D790B |
| Izod Impact, Notched      | 1.01 J/cm | 1.90 ft-lb/in | ASTM D256  |

## Contact Songhan Plastic Technology Co.,Ltd.

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