

## Cheng Yu Plastic T883GV2 Flame Retardant PBT, 20% Glass Fiber

Category : Polymer , Thermoplastic , Polyester, TP , Polybutylene Terephthalate (PBT) , Polybutylene Terephthalate (PBT), 20% Glass Fiber Filled

Material Notes:

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Cheng-Yu-Plastic-T883GV2-Flame-Retardant-PBT-20-Glass-Fiber.php](http://www.lookpolymers.com/polymer_Cheng-Yu-Plastic-T883GV2-Flame-Retardant-PBT-20-Glass-Fiber.php)

| Physical Properties   | Metric               | English              | Comments  |
|-----------------------|----------------------|----------------------|-----------|
| Specific Gravity      | 1.50 g/cc            | 1.50 g/cc            | ASTM D792 |
| Linear Mold Shrinkage | 0.0050 - 0.020 cm/cm | 0.0050 - 0.020 in/in | ASTM D955 |

| Mechanical Properties   | Metric     | English       | Comments  |
|-------------------------|------------|---------------|-----------|
| Hardness, Rockwell M    | 94         | 94            | ASTM D785 |
| Tensile Strength, Yield | 93.2 MPa   | 13500 psi     | ASTM D638 |
| Flexural Yield Strength | 172 MPa    | 24900 psi     | ASTM D790 |
| Izod Impact, Notched    | 0.785 J/cm | 1.47 ft-lb/in | ASTM D256 |

| Thermal Properties                          | Metric | English | Comments  |
|---|--------|---------|-----------|
| Deflection Temperature at 0.46 MPa (66 psi) | 225 °C | 437 °F  | ASTM D648 |
| Flammability, UL94                          | V-0    | V-0     |           |

| Electrical Properties | Metric                  | English                 | Comments  |
|-----------------------|-------------------------|-------------------------|-----------|
| Dielectric Constant   | 3.3<br>@Frequency 60 Hz | 3.3<br>@Frequency 60 Hz | ASTM D150 |

## Contact Songhan Plastic Technology Co.,Ltd.

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