

## Cheng Yu Plastic PP229H TALC 20 Polypropylene, 20% Talc, High Heat

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene with 20% Talc Filler

Material Notes:

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Cheng-Yu-Plastic-PP229H-TALC-20-Polypropylene-20-Talc-High-Heat.php](http://www.lookpolymers.com/polymer_Cheng-Yu-Plastic-PP229H-TALC-20-Polypropylene-20-Talc-High-Heat.php)

| Physical Properties    | Metric              | English             | Comments   |
|------------------------|---------------------|---------------------|------------|
| Specific Gravity       | 1.00 g/cc           | 1.00 g/cc           | ASTM D792  |
| Linear Mold Shrinkage  | 0.010 - 0.020 cm/cm | 0.010 - 0.020 in/in | ASTM D955  |
| Melt Index of Compound | 15 - 20 g/10 min    | 15 - 20 g/10 min    | ASTM D1238 |

| Mechanical Properties   | Metric     | English        | Comments  |
|-------------------------|------------|----------------|-----------|
| Hardness, Rockwell M    | 100        | 100            | ASTM D785 |
| Tensile Strength, Yield | 32.4 MPa   | 4690 psi       | ASTM D638 |
| Flexural Yield Strength | 53.9 MPa   | 7820 psi       | ASTM D790 |
| Izod Impact, Notched    | 0.333 J/cm | 0.625 ft-lb/in | ASTM D256 |

| Thermal Properties                          | Metric | English | Comments  |
|---------------------------------------------|--------|---------|-----------|
| Deflection Temperature at 0.46 MPa (66 psi) | 132 °C | 270 °F  | ASTM D648 |
| Flammability, UL94                          | HB     | HB      |           |

## Contact Songhan Plastic Technology Co.,Ltd.

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