

RTP 199 X 139046

Polypropylene
RTP Company

Message:

Warning: The status of this material is 'Commercial: Limited Issue'
The data for this material has not been recently verified.
Please contact RTP Company for current information prior to specifying this grade.
Polypropylene (PP)
Glass Fiber
Glass Bead
Preliminary Datasheet

| General Information | | | |
|---|--|-------------------|-------------|
| Filler / Reinforcement | Glass fiber reinforced material Glass beads | | |
| RoHS Compliance | Contact manufacturer | | |
| Forms | Particle | | |
| Processing Method | Injection molding | | |
| Physical | Nominal Value | Unit | Test Method |
| Density | 1.17 | g/cm ³ | ISO 1183 |
| shrinkage-Flow (4.00 mm) | 0.30 - 0.50 | % | ISO 294-4 |
| Mechanical | Nominal Value | Unit | Test Method |
| Tensile Stress (Yield) | 50.0 | MPa | ISO 527-2 |
| Tensile Strain (Break) | 3.0 - 5.0 | % | ISO 527-2 |
| Flexural Modulus | 3200 | MPa | ISO 178 |
| Impact | Nominal Value | Unit | Test Method |
| Notched Izod Impact ¹ | 5.0 | kJ/m ² | ISO 180/1A |
| Unnotched Izod Impact Strength ² | 25 | kJ/m ² | ISO 180/1U |
| Injection | Nominal Value | Unit | |
| Drying Temperature | 80 | °C | |
| Drying Time | 2.0 | hr | |
| Processing (Melt) Temp | 190 - 230 | °C | |
| Mold Temperature | 30 - 65 | °C | |
| Injection Pressure | 70.0 - 105 | MPa | |
| NOTE | | | |
| 1. | 4 mm thickness | | |
| 2. | 4 mm thickness | | |

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection.All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

