

RTP 2103 Z

Polyether Imide

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.

| General Information | | | |
|------------------------------------|----------------------------------|-------|-------------|
| Filler / Reinforcement | Glass Fiber,20% Filler by Weight | | |
| Agency Ratings | FDA Unspecified Rating | | |
| RoHS Compliance | Contact Manufacturer | | |
| Appearance | Black | | |
| | Natural Color | | |
| Forms | Pellets | | |
| Processing Method | Injection Molding | | |
| Physical | Nominal Value | Unit | Test Method |
| Specific Gravity | 1.41 | g/cm³ | ASTM D792 |
| Molding Shrinkage - Flow (3.18 mm) | 0.20 to 0.30 | % | ASTM D955 |
| Mechanical | Nominal Value | Unit | Test Method |
| Tensile Modulus | 6890 | MPa | ASTM D638 |
| Tensile Strength | 145 | MPa | ASTM D638 |
| Tensile Elongation (Break) | 3.4 | % | ASTM D638 |
| Flexural Modulus | 6890 | MPa | ASTM D790 |
| Flexural Strength | 207 | MPa | ASTM D790 |
| Impact | Nominal Value | Unit | Test Method |
| Notched Izod Impact (3.18 mm) | 53 | J/m | ASTM D256 |
| Unnotched Izod Impact (3.18 mm) | 550 | J/m | ASTM D4812 |
| Injection | Nominal Value | Unit | |
| Rear Temperature | 343 to 399 | °C | |
| Middle Temperature | 343 to 399 | °C | |
| Front Temperature | 343 to 399 | °C | |
| Mold Temperature | 93.3 to 177 | °C | |
| Injection Pressure | 103 to 138 | MPa | |

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Recommended distributors for this material

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