

RTP 207 A TFE 15
(PA6+PTFE)-GF40

RTP Company

| Processing/Physical Characteristics | Value | Unit | Test Standard |
|-------------------------------------|----------------|-------|---------------|
| ASTM Data | | | |
| Mold Shrinkage, MD | 0.00125 | mm/mm | ASTM D 955 |

| Mechanical properties | Value | Unit | Test Standard |
|-----------------------------|--------------|------|---------------|
| ASTM Data | | | |
| Tensile Modulus | 12760 | MPa | ASTM D 638 |
| Tensile Strength | 148 | MPa | ASTM D 638 |
| Flexural Modulus | 12070 | MPa | ASTM D 790 |
| Flexural Strength | 248 | MPa | ASTM D 790 |
| Izod Impact notched, 1/8 in | 123 | J/m | ASTM D 256 |

| Thermal properties | Value | Unit | Test Standard |
|--------------------|-------------|------|---------------|
| ASTM Data | | | |
| UL 94 Flame rating | HB | - | UL 94 |
| Thickness tested | 1.59 | mm | - |
| DTUL @ 264 psi | 204 | °C | ASTM D 648 |

| Other properties | Value | Unit | Test Standard |
|------------------|-------------|-------------------|---------------|
| Density | 1610 | kg/m ³ | ASTM D 792 |
| Moisture Content | 0.2 | % | - |

| Processing Recommendation Injection Molding | Value | Unit | Test Standard |
|---|--------------------|------|---------------|
| Pre-drying - Temperature | 82.2 | °C | - |
| Pre-drying - Time | 2 | h | - |
| Melt temperature | 243 - 279 | °C | - |
| Mold temperature | 54.4 - 93.3 | °C | - |
| Injection pressure | 68.9 - 103 | MPa | - |

Characteristics

Processing

Injection Molding

Additives

Lubricants

Regional Availability

North America, Europe, Asia Pacific