

RTP 2285 LF TFE 15
(PEEK+PTFE)-CF30

RTP Company

| Processing/Physical Characteristics | Value | Unit | Test Standard |
|--|-------------------|-------------------|----------------------|
| ASTM Data | | | |
| Mold Shrinkage, MD | 0.00075 | mm/mm | ASTM D 955 |
| Mechanical properties | | | |
| ASTM Data | | | |
| Tensile Modulus | 27580 | MPa | ASTM D 638 |
| Tensile Strength | 221 | MPa | ASTM D 638 |
| Flexural Modulus | 24130 | MPa | ASTM D 790 |
| Flexural Strength | 345 | MPa | ASTM D 790 |
| Izod Impact notched, 1/8 in | 80.1 | J/m | ASTM D 256 |
| Thermal properties | | | |
| ASTM Data | | | |
| UL 94 Flame rating | V-0 | - | UL 94 |
| Thickness tested | 1.59 | mm | - |
| Electrical properties | | | |
| ASTM Data | | | |
| Volume Resistivity | 1000000 | Ohm*cm | ASTM D 257 |
| Other properties | | | |
| Density | 1490 | kg/m ³ | ASTM D 792 |
| Moisture Content | 0.1 | % | - |
| Processing Recommendation Injection Molding | | | |
| Pre-drying - Temperature | 149 | °C | - |
| Pre-drying - Time | 3 | h | - |
| Melt temperature | 349 - 399 | °C | - |
| Mold temperature | 163 - 218 | °C | - |
| Injection pressure | 82.7 - 124 | MPa | - |

Characteristics

Processing

Injection Molding

Regional Availability

North America, Europe, Asia Pacific

Additives

Lubricants