

RTP 285 D TFE 13 SI 2
(PA612+PTFE+SI)-CF30

RTP Company

| Processing/Physical Characteristics | Value | Unit | Test Standard |
|--|------------|-------------------|---------------|
| ASTM Data | | | |
| Mold Shrinkage, MD | 0.002 | mm/mm | ASTM D 955 |
| Mechanical properties | | | |
| ASTM Data | | | |
| Tensile Modulus | 19990 | MPa | ASTM D 638 |
| Tensile Strength | 183 | MPa | ASTM D 638 |
| Flexural Modulus | 17930 | MPa | ASTM D 790 |
| Flexural Strength | 269 | MPa | ASTM D 790 |
| Izod Impact notched, 1/8 in | 96.1 | J/m | ASTM D 256 |
| Thermal properties | | | |
| ASTM Data | | | |
| UL 94 Flame rating | HB | - | UL 94 |
| Thickness tested | 1.59 | mm | - |
| DTUL @ 264 psi | 218 | °C | ASTM D 648 |
| Electrical properties | | | |
| ASTM Data | | | |
| Volume Resistivity | 10000 | Ohm*cm | ASTM D 257 |
| Other properties | | | |
| Density | 1280 | kg/m ³ | ASTM D 792 |
| Moisture Content | 0.2 | % | - |
| Processing Recommendation Injection Molding | | | |
| Pre-drying - Temperature | 79.4 | °C | - |
| Pre-drying - Time | 4 | h | - |
| Melt temperature | 249 - 285 | °C | - |
| Mold temperature | 60 - 93.3 | °C | - |
| Injection pressure | 68.9 - 124 | MPa | - |

Characteristics

Processing

Injection Molding

Additives

Lubricants

Regional Availability

North America, Europe, Asia Pacific