

RTP 4085 SI 2

PPA-CF30

RTP Company

| Processing/Physical Characteristics | Value | Unit | Test Standard |
|--|-------------------|-------------------|----------------------|
| ASTM Data | | | |
| Mold Shrinkage, MD | 0.00125 | mm/mm | ASTM D 955 |
| Mechanical properties | | | |
| ASTM Data | | | |
| Tensile Modulus | 25170 | MPa | ASTM D 638 |
| Tensile Strength | 276 | MPa | ASTM D 638 |
| Flexural Modulus | 22060 | MPa | ASTM D 790 |
| Flexural Strength | 400 | MPa | ASTM D 790 |
| Izod Impact notched, 1/8 in | 69.4 | J/m | ASTM D 256 |
| Thermal properties | | | |
| ASTM Data | | | |
| UL 94 Flame rating | HB | - | UL 94 |
| Thickness tested | 1.59 | mm | - |
| Electrical properties | | | |
| ASTM Data | | | |
| Volume Resistivity | 100000 | Ohm*cm | ASTM D 257 |
| Other properties | | | |
| Density | 1310 | kg/m ³ | ASTM D 792 |
| Moisture Content | 0.05 | % | - |
| Processing Recommendation Injection Molding | | | |
| Pre-drying - Temperature | 107 | °C | - |
| Pre-drying - Time | 4 - 6 | h | - |
| Melt temperature | 302 - 329 | °C | - |
| Mold temperature | 135 - 163 | °C | - |
| Injection pressure | 68.9 - 124 | MPa | - |

Characteristics**Processing**

Injection Molding

Regional Availability

North America, Europe, Asia Pacific

Additives

Lubricants