

RTP 4005.3 A

PPA-GF33

RTP Company

| Processing/Physical Characteristics | Value | Unit | Test Standard |
|--|-------------------|-------------------|----------------------|
| ASTM Data | | | |
| Mold Shrinkage, MD | 0.004 | mm/mm | ASTM D 955 |
| Mechanical properties | | | |
| ASTM Data | | | |
| Tensile Modulus | 11030 | MPa | ASTM D 638 |
| Tensile Strength | 179 | MPa | ASTM D 638 |
| Flexural Modulus | 10340 | MPa | ASTM D 790 |
| Flexural Strength | 252 | MPa | ASTM D 790 |
| Rockwell Hardness | R 125 | - | ASTM D 785 |
| Izod Impact notched, 1/8 in | 80.1 | J/m | ASTM D 256 |
| Thermal properties | | | |
| ASTM Data | | | |
| UL 94 Flame rating | HB | - | UL 94 |
| Thickness tested | 1.59 | mm | - |
| DTUL @ 264 psi | 277 | °C | ASTM D 648 |
| Electrical properties | | | |
| ASTM Data | | | |
| Volume Resistivity | >1E15 | Ohm*cm | ASTM D 257 |
| Other properties | | | |
| Water Absorption, 24hr | 0.23 | % | ASTM D 570 |
| Density | 1440 | kg/m ³ | ASTM D 792 |
| Moisture Content | 0.1 | % | - |
| Processing Recommendation Injection Molding | | | |
| Pre-drying - Temperature | 107 | °C | - |
| Pre-drying - Time | 4 - 6 | h | - |
| Melt temperature | 329 - 343 | °C | - |
| Mold temperature | 65.6 - 163 | °C | - |
| Injection pressure | 68.9 - 103 | MPa | - |

Characteristics**Processing**

Injection Molding

Regional Availability

North America, Europe, Asia Pacific