

RTP 2505 FR
(PC+ABS)-GF30

RTP Company

| Processing/Physical Characteristics | Value | Unit | Test Standard |
|--|--------------------|-------------------|----------------------|
| ASTM Data | | | |
| Mold Shrinkage, MD | 0.00225 | mm/mm | ASTM D 955 |
| Mechanical properties | | | |
| ASTM Data | | | |
| Tensile Modulus | 9653 | MPa | ASTM D 638 |
| Tensile Strength | 124 | MPa | ASTM D 638 |
| Flexural Modulus | 9308 | MPa | ASTM D 790 |
| Flexural Strength | 186 | MPa | ASTM D 790 |
| Rockwell Hardness | R 119 | - | ASTM D 785 |
| Izod Impact notched, 1/8 in | 107 | J/m | ASTM D 256 |
| Thermal properties | | | |
| ASTM Data | | | |
| UL 94 Flame rating | V-0 | - | UL 94 |
| Thickness tested | 1.59 | mm | - |
| DTUL @ 264 psi | 146 | °C | ASTM D 648 |
| Other properties | | | |
| Water Absorption, 24hr | 0.1 | % | ASTM D 570 |
| Density | 1450 | kg/m ³ | ASTM D 792 |
| Moisture Content | 0.02 | % | - |
| Processing Recommendation Injection Molding | | | |
| Pre-drying - Temperature | 93.3 | °C | - |
| Pre-drying - Time | 4 | h | - |
| Melt temperature | 243 - 274 | °C | - |
| Mold temperature | 51.7 - 93.3 | °C | - |
| Injection pressure | 68.9 - 103 | MPa | - |

Characteristics**Processing**

Injection Molding

Regional Availability

North America, Europe, Asia Pacific

Special Characteristics

Flame retardant