

RTP 283 HS

PA66-CF20

RTP Company

| Processing/Physical Characteristics | Value | Unit | Test Standard |
|--|-------------------|-------------------|----------------------|
| ASTM Data | | | |
| Mold Shrinkage, MD | 0.0015 | mm/mm | ASTM D 955 |
| Mechanical properties | | | |
| ASTM Data | | | |
| Tensile Modulus | 15510 | MPa | ASTM D 638 |
| Tensile Strength | 207 | MPa | ASTM D 638 |
| Flexural Modulus | 13100 | MPa | ASTM D 790 |
| Flexural Strength | 296 | MPa | ASTM D 790 |
| Izod Impact notched, 1/8 in | 64.1 | J/m | ASTM D 256 |
| Thermal properties | | | |
| ASTM Data | | | |
| UL 94 Flame rating | HB | - | UL 94 |
| Thickness tested | 1.59 | mm | - |
| DTUL @ 264 psi | 246 | °C | ASTM D 648 |
| Electrical properties | | | |
| ASTM Data | | | |
| Volume Resistivity | 1000 | Ohm*cm | ASTM D 257 |
| Other properties | | | |
| Density | 1220 | 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 | 277 - 299 | °C | - |
| Mold temperature | 65.6 - 107 | °C | - |
| Injection pressure | 68.9 - 124 | MPa | - |

Characteristics**Processing**

Injection Molding

Regional Availability

North America, Europe, Asia Pacific

Special Characteristics

Heat stabilized or stable to heat