

RTP 300 TFE 5 UV

(PC+PTFE)

RTP Company

| Processing/Physical Characteristics | Value | Unit | Test Standard |
|--|---------------|-------------|----------------------|
| ASTM Data | | | |
| Mold Shrinkage, MD | 0.0065 | mm/mm | ASTM D 955 |

| Mechanical properties | Value | Unit | Test Standard |
|------------------------------|--------------|-------------|----------------------|
| ASTM Data | | | |
| Tensile Modulus | 2068 | MPa | ASTM D 638 |
| Tensile Strength | 58.6 | MPa | ASTM D 638 |
| Flexural Modulus | 2413 | MPa | ASTM D 790 |
| Flexural Strength | 93.1 | MPa | ASTM D 790 |
| Izod Impact notched, 1/8 in | 149 | J/m | ASTM D 256 |

| Thermal properties | Value | Unit | Test Standard |
|---------------------------|--------------|-------------|----------------------|
| ASTM Data | | | |
| UL 94 Flame rating | HB | - | UL 94 |
| Thickness tested | 1.59 | mm | - |
| DTUL @ 264 psi | 129 | °C | ASTM D 648 |

| Other properties | Value | Unit | Test Standard |
|-------------------------|--------------|-------------------|----------------------|
| Density | 1220 | kg/m ³ | ASTM D 792 |
| Moisture Content | 0.02 | % | - |

| Processing Recommendation Injection Molding | Value | Unit | Test Standard |
|--|-------------------|-------------|----------------------|
| Pre-drying - Temperature | 121 | °C | - |
| Pre-drying - Time | 4 | h | - |
| Melt temperature | 288 - 316 | °C | - |
| Mold temperature | 82.2 - 121 | °C | - |
| Injection pressure | 68.9 - 103 | MPa | - |

Characteristics**Processing**

Injection Molding

Additives

Lubricants

Special Characteristics

U.V. stabilized or stable to weather

Regional Availability

North America, Europe, Asia Pacific