

**RTP 4799 X 115376 F**

(PTT+PTFE)-GF

RTP Company

| Processing/Physical Characteristics | Value | Unit  | Test Standard |
|-------------------------------------|-------|-------|---------------|
| <b>ASTM Data</b>                    |       |       |               |
| Mold Shrinkage, MD                  | 0.003 | mm/mm | ASTM D 955    |

| Mechanical properties       | Value | Unit | Test Standard |
|-----------------------------|-------|------|---------------|
| <b>ASTM Data</b>            |       |      |               |
| Tensile Strength            | 124   | MPa  | ASTM D 638    |
| Flexural Modulus            | 9653  | MPa  | ASTM D 790    |
| Flexural Strength           | 193   | MPa  | ASTM D 790    |
| Izod Impact notched, 1/8 in | 80.1  | J/m  | ASTM D 256    |

| Thermal properties | Value | Unit | Test Standard |
|--------------------|-------|------|---------------|
| <b>ASTM Data</b>   |       |      |               |
| UL 94 Flame rating | HB    | -    | UL 94         |
| Thickness tested   | 1.59  | mm   | -             |
| DTUL @ 66 psi      | 218   | °C   | ASTM D 648    |
| DTUL @ 264 psi     | 204   | °C   | ASTM D 648    |

| Other properties | Value | Unit              | Test Standard |
|------------------|-------|-------------------|---------------|
| Biobased content | 20    | %                 | -             |
| Density          | 1690  | kg/m <sup>3</sup> | ASTM D 792    |
| Moisture Content | 0.01  | %                 | -             |

| Processing Recommendation Injection Molding | Value      | Unit | Test Standard |
|---|------------|------|---------------|
| Pre-drying - Temperature                    | 127        | °C   | -             |
| Pre-drying - Time                           | 4 - 6      | h    | -             |
| Melt temperature                            | 232 - 260  | °C   | -             |
| Mold temperature                            | 87.8 - 121 | °C   | -             |
| Injection pressure                          | 68.9 - 103 | MPa  | -             |

**Characteristics****Processing**

Injection Molding

**Certifications**

Contains renewable resources

**Additives**

Lubricants

**Regional Availability**

North America, Europe, Asia Pacific