

RTP 3485-3

LCP-CF30

RTP Company

| Processing/Physical Characteristics | Value | Unit | Test Standard |
|--|-------------------|-------------------|----------------------|
| ASTM Data | | | |
| Mold Shrinkage, MD | 0.0001 | mm/mm | ASTM D 955 |
| Mechanical properties | | | |
| ASTM Data | | | |
| Tensile Modulus | 34470 | MPa | ASTM D 638 |
| Tensile Strength | 152 | MPa | ASTM D 638 |
| Flexural Modulus | 24130 | MPa | ASTM D 790 |
| Flexural Strength | 231 | MPa | ASTM D 790 |
| Izod Impact notched, 1/8 in | 69.4 | J/m | ASTM D 256 |
| Thermal properties | | | |
| ASTM Data | | | |
| UL 94 Flame rating | V-0 | - | UL 94 |
| Thickness tested | 3.18 | mm | - |
| DTUL @ 264 psi | 285 | °C | ASTM D 648 |
| Electrical properties | | | |
| ASTM Data | | | |
| Volume Resistivity | 100000 | Ohm*cm | ASTM D 257 |
| Other properties | | | |
| Density | 1480 | kg/m ³ | ASTM D 792 |
| Processing Recommendation Injection Molding | | | |
| Pre-drying - Temperature | 149 | °C | - |
| Pre-drying - Time | 8 | h | - |
| Melt temperature | 332 - 366 | °C | - |
| Mold temperature | 65.6 - 121 | °C | - |
| Injection pressure | 82.7 - 124 | MPa | - |

Characteristics**Processing**

Injection Molding

Regional Availability

North America, Europe, Asia Pacific