

RTP 200 E

PA*

RTP Company

| Processing/Physical Characteristics | Value | Unit | Test Standard |
|--|--------------|-------------|----------------------|
| ASTM Data | | | |
| Mold Shrinkage, MD | 0.006 | mm/mm | ASTM D 955 |

| Mechanical properties | Value | Unit | Test Standard |
|------------------------------|--------------|-------------|----------------------|
| ASTM Data | | | |
| Tensile Modulus | 2344 | MPa | ASTM D 638 |
| Tensile Strength | 96.5 | MPa | ASTM D 638 |
| Flexural Modulus | 2758 | MPa | ASTM D 790 |
| Flexural Strength | 124 | MPa | ASTM D 790 |
| Rockwell Hardness | R 128 | - | ASTM D 785 |
| Izod Impact notched, 1/8 in | 80.1 | J/m | ASTM D 256 |

| Thermal properties | Value | Unit | Test Standard |
|---------------------------|--------------|-------------|----------------------|
| ASTM Data | | | |
| UL 94 Flame rating | V-2 | - | UL 94 |
| Thickness tested | 1.59 | mm | - |
| DTUL @ 66 psi | 127 | °C | ASTM D 648 |
| DTUL @ 264 psi | 123 | °C | ASTM D 648 |

| Other properties | Value | Unit | Test Standard |
|-------------------------|--------------|-------------------|----------------------|
| Water Absorption, 24hr | 0.45 | % | ASTM D 570 |
| Density | 1180 | kg/m ³ | ASTM D 792 |
| Moisture Content | 0.1 | % | - |

| Processing Recommendation Injection Molding | Value | Unit | Test Standard |
|--|--------------------|-------------|----------------------|
| Pre-drying - Temperature | 79.4 | °C | - |
| Pre-drying - Time | 4 | h | - |
| Melt temperature | 271 - 299 | °C | - |
| Mold temperature | 65.6 - 98.9 | °C | - |
| Injection pressure | 68.9 - 103 | MPa | - |

Characteristics**Processing**

Injection Molding

Features

Amorphous

Regional Availability

North America, Europe, Asia Pacific