

RTP PA6 40 GF BLK

PA6-GF40

RTP Company

| Processing/Physical Characteristics | Value | Unit | Test Standard |
|--|--------------|-------------|----------------------|
| ASTM Data | | | |
| Mold Shrinkage, MD | 0.002 | mm/mm | ASTM D 955 |

| Mechanical properties | Value | Unit | Test Standard |
|------------------------------|--------------|-------------|----------------------|
| ASTM Data | | | |
| Tensile Modulus | 11720 | MPa | ASTM D 638 |
| Tensile Strength | 159 | MPa | ASTM D 638 |
| Flexural Modulus | 11030 | MPa | ASTM D 790 |
| Flexural Strength | 241 | MPa | ASTM D 790 |
| Izod Impact notched, 1/8 in | 107 | 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 | - |

| Other properties | Value | Unit | Test Standard |
|-------------------------|--------------|-------------------|----------------------|
| Density | 1470 | kg/m ³ | ASTM D 792 |
| Moisture Content | 0.2 | % | - |

| Processing Recommendation Injection Molding | Value | Unit | Test Standard |
|--|--------------------|-------------|----------------------|
| Pre-drying - Temperature | 82.2 | °C | - |
| Pre-drying - Time | 2 | h | - |
| Melt temperature | 243 - 279 | °C | - |
| Mold temperature | 54.4 - 93.3 | °C | - |
| Injection pressure | 68.9 - 103 | MPa | - |

Characteristics**Processing**

Injection Molding

Special Characteristics

Heat stabilized or stable to heat

Delivery form

Black

Regional Availability

North America, Europe, Asia Pacific