

Chemerize 021 G

PEEK

PanjinZhongrun High Performance Polymer Co., Ltd.

| Processing/Physical Characteristics | Value | Unit | Test Standard |
|--|--------------|-------------------|----------------------|
| ISO Data | | | |
| Molding shrinkage, parallel | 0.7 | % | ISO 294-4, 2577 |
| Molding shrinkage, normal | 1.2 | % | ISO 294-4, 2577 |
| Mechanical properties | | | |
| ISO Data | | | |
| Tensile Strength | 100 | MPa | ISO 527 |
| Strain at break | 40 | % | ISO 527 |
| Flexural modulus, 23°C | 3900 | MPa | ISO 178 |
| Thermal properties | | | |
| ISO Data | | | |
| Melting temperature, 10°C/min | 340 | °C | ISO 11357-1/-3 |
| Temp. of deflection under load, 1.80 MPa | 155 | °C | ISO 75-1/-2 |
| ASTM Data | | | |
| UL 94 Flame rating | V-0 | - | UL 94 |
| Thickness tested | 0.4 | mm | - |
| Electrical properties | | | |
| ISO Data | | | |
| Volume resistivity | 1E13 | Ohm*m | IEC 62631-3-1 |
| Other properties | | | |
| Density | 1300 | kg/m ³ | ISO 1183 |

Characteristics**Delivery form**

Granules, Powder

Features

Copolymer

Special Characteristics

Flame retardant

Regional Availability

Asia Pacific