

| Processing/Physical Characteristics | Value | Unit | Test Standard |
|--|--------------|-------------|----------------------|
| ISO Data | | | |
| Molding shrinkage, parallel | 0.4 | % | ISO 294-4, 2577 |

| Mechanical properties | Value | Unit | Test Standard |
|---------------------------------------|--------------|-------------------|----------------------|
| ISO Data | | | |
| Tensile Modulus | 15500 | MPa | ISO 527 |
| Stress at break | 75 | MPa | ISO 527 |
| Strain at break | 0.75 | % | ISO 527 |
| Flexural modulus, 23°C | 12500 | MPa | ISO 178 |
| Charpy impact strength, +23°C | 9 | kJ/m ² | ISO 179/1eU |
| Charpy notched impact strength, +23°C | 2.5 | kJ/m ² | ISO 179/1eA |

| Thermal properties | Value | Unit | Test Standard |
|---------------------------|--------------|-------------|----------------------|
| ASTM Data | | | |
| UL 94 Flame rating | HB | - | UL 94 |
| Thickness tested | 1.6 | mm | - |

| Electrical properties | Value | Unit | Test Standard |
|------------------------------|--------------|-------------|----------------------|
| ISO Data | | | |
| Surface resistivity | 1E12 | Ohm | IEC 62631-3-2 |

| Other properties | Value | Unit | Test Standard |
|-------------------------|--------------|-------------------|----------------------|
| Density | 1920 | kg/m ³ | ISO 1183 |

| Processing Recommendation Injection Molding | Value | Unit | Test Standard |
|--|------------------|-------------|----------------------|
| Pre-drying - Temperature | 80 | °C | - |
| Pre-drying - Time | 4 | h | - |
| Processing humidity | ≤0.2 | % | - |
| Melt temperature | 275 - 300 | °C | - |
| Mold temperature | 80 - 105 | °C | - |

Characteristics

Processing

Injection Molding

Delivery form

Pellets, White

Special Characteristics

Thermally Conductive

Applications

Automotive, Electrical and Electronical, Encapsulation

Regional Availability

North America, Europe, Asia Pacific, South and Central America, Near East/Africa