

| Processing/Physical Characteristics | Value | Unit | Test Standard |
|--|-----------|-------------------|-----------------|
| ISO Data | | | |
| Molding shrinkage, parallel | 0.5 | % | ISO 294-4, 2577 |
| Mechanical properties | | | |
| ISO Data | | | |
| Tensile Modulus | 7500 | MPa | ISO 527 |
| Tensile Strength | 125 | MPa | ISO 527 |
| Flexural modulus, 23°C | 6500 | MPa | ISO 178 |
| Charpy impact strength, +23°C | 46 | kJ/m ² | ISO 179/1eU |
| Charpy notched impact strength, +23°C | 10 | kJ/m ² | ISO 179/1eA |
| Thermal properties | | | |
| ISO Data | | | |
| Temp. of deflection under load, 1.80 MPa | 285 | °C | ISO 75-1/-2 |
| Vicat softening temperature, A | 320 | °C | ISO 306 |
| Other properties | | | |
| Density | 1470 | kg/m ³ | ISO 1183 |
| Processing Recommendation Injection Molding | | | |
| Pre-drying - Temperature | 150 | °C | - |
| Pre-drying - Time | 3 - 6 | h | - |
| Processing humidity | ≤0.05 | % | - |
| Melt temperature | 390 | °C | - |
| Mold temperature | 170 - 200 | °C | - |
| Zone 1 | 360 - 370 | °C | - |
| Zone 2 | 380 - 390 | °C | - |
| Zone 3 | 390 - 400 | °C | - |
| Nozzle temperature | 360 - 380 | °C | - |

Characteristics

Processing

Injection Molding

Special Characteristics

Flame retardant, High impact or impact modified

Chemical Resistance

General Chemical Resistance, Hydrolytically Stable

Applications

Aircraft and Aerospace, Automotive, Medical

Regional Availability

North America, Europe, Asia Pacific