

| Mechanical properties | Value | Unit | Test Standard |
|------------------------------|--------------|-------------|----------------------|
| ASTM Data | | | |
| Tensile Modulus | 2972 | MPa | ASTM D 638 |
| Tensile Strength | 76.5 | MPa | ASTM D 638 |
| Elongation at Break | 25 | % | ASTM D 638 |
| Flexural Modulus | 2537 | MPa | ASTM D 790 |
| Izod Impact notched, 1/8 in | 58.7 | J/m | ASTM D 256 |

| Thermal properties | Value | Unit | Test Standard |
|---------------------------|--------------|-------------|----------------------|
| ASTM Data | | | |
| Melting Temperature | 216 | °C | ASTM D 3418 |

| Processing Recommendation Injection Molding | Value | Unit | Test Standard |
|--|------------------|-------------|----------------------|
| Pre-drying - Temperature | 66 - 82 | °C | - |
| Pre-drying - Time | 2 - 4 | h | - |
| Processing humidity | ≤0.2 | % | - |
| Melt temperature | 238 - 271 | °C | - |
| Mold temperature | 49 - 93 | °C | - |
| Zone 1 | 221 - 249 | °C | - |
| Zone 2 | 227 - 260 | °C | - |
| Zone 3 | 238 - 271 | °C | - |
| Nozzle temperature | 238 - 271 | °C | - |
| Injection pressure | 4 - 12 | MPa | - |
| Back pressure | 0 - 50 | MPa | - |
| Holding pressure | 3 - 9 | MPa | - |
| Maximum residence time | 6 | min | - |

Characteristics

Processing

Injection Molding

Additives

Release agent

Special Characteristics

High impact or impact modified

Features

Fatigue Resistance, Nucleated

Chemical Resistance

Grease Resistance, Oil Resistance

Applications

Automotive, General Purpose

Regional Availability

North America