

| Processing/Physical Characteristics | Value | Unit | Test Standard |
|-------------------------------------|-------|-------|---------------|
| ASTM Data | | | |
| Mold Shrinkage, MD | 0.003 | mm/mm | ASTM D 955 |

| Mechanical properties | Value | Unit | Test Standard |
|-----------------------------|-------|------|---------------|
| ASTM Data | | | |
| Tensile Strength | 162 | MPa | ASTM D 638 |
| Elongation at Break | 3 | % | ASTM D 638 |
| Flexural Modulus | 9308 | MPa | ASTM D 790 |
| Izod Impact notched, 1/8 in | 112 | J/m | ASTM D 256 |

| Thermal properties | Value | Unit | Test Standard |
|---------------------|-------|------|---------------|
| ASTM Data | | | |
| DTUL @ 264 psi | 210 | °C | ASTM D 648 |
| 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 | 288 - 302 | °C | - |
| Mold temperature | 82 - 93 | °C | - |
| Zone 1 | 249 - 277 | °C | - |
| Zone 2 | 260 - 288 | °C | - |
| Zone 3 | 271 - 299 | °C | - |
| Nozzle temperature | 271 - 299 | °C | - |
| Injection pressure | 8 - 18 | MPa | - |
| Back pressure | 0 - 50 | MPa | - |
| Holding pressure | 6 - 15 | MPa | - |
| Maximum residence time | 6 | min | - |

Characteristics

Processing

Injection Molding

Special Characteristics

High impact or impact modified, Heat stabilized or stable to heat

Features

Nucleated

Chemical Resistance

General Chemical Resistance

Applications

Automotive, Sports Equipment

Regional Availability

North America