

| Processing/Physical Characteristics | Value | Unit | Test Standard |
|--|-----------|-------------------|---------------|
| ASTM Data | | | |
| Melt Flow Index, MFI | 11 | g/10min | ASTM D 1238 |
| Temperature | 230 | °C | - |
| Load | 2.16 | kg | - |
| Mold Shrinkage, MD | 0.017 | mm/mm | ASTM D 955 |
| Mechanical properties | | | |
| ASTM Data | | | |
| Tensile Strength at Yield | 29.4 | MPa | ASTM D 638 |
| Elongation at Break | 100 | % | ASTM D 638 |
| Flexural Modulus | 1570 | MPa | ASTM D 790 |
| Flexural Strength | 36.3 | MPa | ASTM D 790 |
| Izod Impact notched, 1/4 in | 84.8 | J/m | ASTM D 256 |
| Thermal properties | | | |
| ASTM Data | | | |
| UL 94 Flame rating | V-0 | - | UL 94 |
| Thickness tested | 0.75 | mm | - |
| DTUL @ 66 psi | 120 | °C | ASTM D 648 |
| Other properties | | | |
| Density | 940 | kg/m ³ | ASTM D 792 |
| Processing Recommendation Injection Molding | | | |
| Pre-drying - Temperature | 70 - 80 | °C | - |
| Pre-drying - Time | 3 - 4 | h | - |
| Processing humidity | ≤0.01 | % | - |
| Melt temperature | 200 - 230 | °C | - |
| Mold temperature | 40 - 60 | °C | - |
| Zone 1 | 190 - 210 | °C | - |
| Zone 2 | 200 - 230 | °C | - |
| Zone 3 | 200 - 230 | °C | - |
| Nozzle temperature | 210 - 230 | °C | - |
| Screw speed | 30 - 60 | rpm | - |
| Back pressure | 30 - 60 | MPa | - |

Characteristics

Processing

Injection Molding

Special Characteristics

Flame retardant

Applications

Automotive, Electrical and Electronical, General Purpose

Regional Availability

North America, Europe, Asia Pacific, South and Central America