

| Processing/Physical Characteristics | Value | Unit | Test Standard |
|-------------------------------------|-------|---------|---------------|
| ASTM Data | | | |
| Melt Flow Index, MFI | 4 | g/10min | ASTM D 1238 |
| Temperature | 200 | °C | - |
| Load | 5 | kg | - |
| Mold Shrinkage, MD | 0.006 | mm/mm | ASTM D 955 |

| Mechanical properties | Value | Unit | Test Standard |
|--------------------------------------|-------|------|---------------|
| ASTM Data | | | |
| Tensile Modulus | 2884 | MPa | ASTM D 638 |
| Tensile Strength at Yield | 49 | MPa | ASTM D 638 |
| Elongation at Break | 6 | % | ASTM D 638 |
| Flexural Modulus | 3237 | MPa | ASTM D 790 |
| Flexural Strength | 96.1 | MPa | ASTM D 790 |
| Rockwell Hardness | R 121 | - | ASTM D 785 |
| Izod Impact notched, 1/4 in | 9.8 | J/m | ASTM D 256 |
| Izod Impact notched, Low-Temperature | 9.8 | J/m | ASTM D 256 |
| Temperature | -30 | °C | - |

| Thermal properties | Value | Unit | Test Standard |
|--------------------|-------|------|---------------|
| ASTM Data | | | |
| UL 94 Flame rating | HB | - | UL 94 |
| Thickness tested | 1.6 | mm | - |
| DTUL @ 66 psi | 92 | °C | ASTM D 648 |
| DTUL @ 264 psi | 86 | °C | ASTM D 648 |
| Vicat Temperature | 93 | °C | ASTM D 1525 |

| Other properties | Value | Unit | Test Standard |
|------------------|-------|-------------------|---------------|
| Density | 1050 | kg/m ³ | ASTM D 792 |

| Processing Recommendation Injection Molding | Value | Unit | Test Standard |
|---|-----------|------|---------------|
| Pre-drying - Temperature | 80 | °C | - |
| Pre-drying - Time | 2 - 4 | h | - |
| Processing humidity | ≤0.01 | % | - |
| Melt temperature | 190 - 220 | °C | - |
| Mold temperature | 40 - 70 | °C | - |
| Zone 1 | 170 - 190 | °C | - |
| Zone 2 | 180 - 200 | °C | - |
| Zone 3 | 190 - 210 | °C | - |
| Nozzle temperature | 190 - 220 | °C | - |
| Screw speed | 30 - 60 | rpm | - |
| Back pressure | 30 - 60 | MPa | - |

Characteristics

Processing

Injection Molding

Special Characteristics

Heat stabilized or stable to heat, Transparent

Certifications

Food contact

Applications

Packaging

Regional Availability

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