

| Processing/Physical Characteristics | Value | Unit | Test Standard |
|--------------------------------------|--------------------|-------------------|----------------------|
| ASTM Data | | | |
| Mold Shrinkage, MD | 0.018 | mm/mm | ASTM D 955 |
| Mechanical properties | | | |
| | dry / cond | Unit | Test Standard |
| ASTM Data | | | |
| Tensile Strength at Yield | 55.2 / 37.2 | MPa | ASTM D 638 |
| Elongation at Break | 50 / - | % | ASTM D 638 |
| Flexural Modulus | 1630 / 614 | MPa | ASTM D 790 |
| Flexural Strength | 62.1 / 28.3 | MPa | ASTM D 790 |
| Rockwell Hardness | R 78 / | - | ASTM D 785 |
| Izod Impact notched, 1/8 in | 800 / N | J/m | ASTM D 256 |
| Thermal properties | | | |
| | Value | Unit | Test Standard |
| ASTM Data | | | |
| Coefficient of Thermal Expansion, MD | 110 | E-6/K | ASTM D 696 |
| DTUL @ 66 psi | 168 | °C | ASTM D 648 |
| DTUL @ 264 psi | 65.6 | °C | ASTM D 648 |
| Melting Temperature | 220 | °C | ASTM D 3418 |
| Electrical properties | | | |
| | dry / cond | Unit | Test Standard |
| ASTM Data | | | |
| Dielectric Strength, Short Time | 20 / - | kV/mm | ASTM D 149 |
| Volume Resistivity | 1E13 / - | Ohm*cm | ASTM D 257 |
| Other properties | | | |
| | Value | Unit | Test Standard |
| Water Absorption, 24hr | 1.1 | % | ASTM D 570 |
| Density | 1070 | kg/m ³ | ASTM D 792 |

Characteristics

Processing

Injection Molding

Delivery form

Pellets, Natural Color

Additives

Lubricants

Special Characteristics

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

Regional Availability

North America