

| Processing/Physical Characteristics | Value | Unit | Test Standard |
|--------------------------------------|--------------|-------------------|---------------|
| ASTM Data | | | |
| Mold Shrinkage, MD | 0.016 | mm/mm | ASTM D 955 |
| Mechanical properties | | | |
| ASTM Data | | | |
| Tensile Modulus | 2600 | MPa | ASTM D 638 |
| Tensile Strength | 55 | MPa | ASTM D 638 |
| Flexural Modulus | 2300 | MPa | ASTM D 790 |
| Flexural Strength | 85 | MPa | ASTM D 790 |
| Rockwell Hardness | R 120 | - | ASTM D 785 |
| Thermal properties | | | |
| ASTM Data | | | |
| UL 94 Flame rating | HB | - | UL 94 |
| Coefficient of Thermal Expansion, MD | 80 | E-6/K | ASTM D 696 |
| DTUL @ 66 psi | 154 | °C | ASTM D 648 |
| DTUL @ 264 psi | 57 | °C | ASTM D 648 |
| Melting Temperature | 225 | °C | ASTM D 3418 |
| Electrical properties | | | |
| ASTM Data | | | |
| Dielectric Strength, Short Time | 23 | kV/mm | ASTM D 149 |
| Dissipation Factor, 1 MHz | 0.02 | - | ASTM D 150 |
| Dielectric Constant, 1 MHz | 3.1 | - | ASTM D 150 |
| Volume Resistivity | 1E17 | Ohm*cm | ASTM D 257 |
| Other properties | | | |
| Water Absorption, 24hr | 0.1 | % | ASTM D 570 |
| Density | 1310 | kg/m ³ | ASTM D 792 |

Characteristics

Processing

Injection Molding

Regional Availability

North America, Asia Pacific

Applications

Automotive, General Purpose