

| Processing/Physical Characteristics | Value | Unit | Test Standard |
|-------------------------------------|--------|-------|---------------|
| ASTM Data | | | |
| Mold Shrinkage, MD | 0.0035 | mm/mm | ASTM D 955 |

| Mechanical properties | Value | Unit | Test Standard |
|-----------------------|-------|------|---------------|
| ASTM Data | | | |
| Tensile Modulus | 10900 | MPa | ASTM D 638 |
| Tensile Strength | 145 | MPa | ASTM D 638 |
| Flexural Modulus | 9500 | MPa | ASTM D 790 |
| Flexural Strength | 230 | MPa | ASTM D 790 |
| Rockwell Hardness | R 120 | - | ASTM D 785 |

| Thermal properties | Value | Unit | Test Standard |
|--------------------------------------|-------|-------|---------------|
| ASTM Data | | | |
| UL 94 Flame rating | HB | - | UL 94 |
| Coefficient of Thermal Expansion, MD | 40 | E-6/K | ASTM D 696 |
| DTUL @ 66 psi | 240 | °C | ASTM D 648 |
| DTUL @ 264 psi | 225 | °C | ASTM D 648 |
| Melting Temperature | 240 | °C | ASTM D 3418 |

| Electrical properties | Value | Unit | Test Standard |
|---------------------------------|-------|-------|---------------|
| ASTM Data | | | |
| Dielectric Strength, Short Time | 23 | kV/mm | ASTM D 149 |
| Dissipation Factor, 1 MHz | 0.01 | - | ASTM D 150 |
| Dielectric Constant, 1 MHz | 3.8 | - | ASTM D 150 |
| Surface Resistivity | 1E10 | Ohm | ASTM D 257 |

| Other properties | Value | Unit | Test Standard |
|------------------------|-------|-------------------|---------------|
| Water Absorption, 24hr | 0.1 | % | ASTM D 570 |
| Density | 1700 | kg/m ³ | ASTM D 792 |

Characteristics

Special Characteristics

U.V. stabilized or stable to weather

Regional Availability

North America, Asia Pacific

Applications

Automotive