

| Processing/Physical Characteristics  | Value | Unit              | Test Standard |
|--------------------------------------|-------|-------------------|---------------|
| <b>ASTM Data</b>                     |       |                   |               |
| Mold Shrinkage, MD                   | 0.012 | mm/mm             | ASTM D 955    |
| <b>Mechanical properties</b>         |       |                   |               |
| <b>ASTM Data</b>                     |       |                   |               |
| Tensile Strength                     | 83    | MPa               | ASTM D 638    |
| Flexural Modulus                     | 2942  | MPa               | ASTM D 790    |
| Flexural Strength                    | 128   | MPa               | ASTM D 790    |
| Rockwell Hardness                    | R 120 | -                 | ASTM D 785    |
| Izod Impact notched, 1/8 in          | 69    | J/m               | ASTM D 256    |
| <b>Thermal properties</b>            |       |                   |               |
| <b>ASTM Data</b>                     |       |                   |               |
| UL 94 Flame rating                   | V-2   | -                 | UL 94         |
| Thickness tested                     | 0.8   | mm                | -             |
| Coefficient of Thermal Expansion, MD | 70    | E-6/K             | ASTM D 696    |
| DTUL @ 66 psi                        | 235   | °C                | ASTM D 648    |
| DTUL @ 264 psi                       | 85    | °C                | ASTM D 648    |
| Melting Temperature                  | 255   | °C                | ASTM D 3418   |
| <b>Electrical properties</b>         |       |                   |               |
| <b>ASTM Data</b>                     |       |                   |               |
| Dielectric Strength, Short Time      | 20    | kV/mm             | ASTM D 149    |
| Dielectric Constant, 1 MHz           | 3.3   | -                 | ASTM D 150    |
| Arc Resistance                       | 128   | s                 | ASTM D 495    |
| <b>Other properties</b>              |       |                   |               |
| Water Absorption, 24hr               | 1.3   | %                 | ASTM D 570    |
| Density                              | 1140  | kg/m <sup>3</sup> | ASTM D 792    |

### Characteristics

#### Additives

Release agent

#### Regional Availability

North America, Asia Pacific