

| Processing/Physical Characteristics                | Value       | Unit              | Test Standard |
|--|-------------|-------------------|---------------|
| <b>ASTM Data</b>                                   |             |                   |               |
| Mold Shrinkage, MD                                 | 0.006       | mm/mm             | ASTM D 955    |
| <b>Mechanical properties</b>                       |             |                   |               |
| <b>ASTM Data</b>                                   |             |                   |               |
| Tensile Modulus                                    | 2758        | MPa               | ASTM D 638    |
| Tensile Strength                                   | 51.7        | MPa               | ASTM D 638    |
| Flexural Modulus                                   | 2758        | MPa               | ASTM D 790    |
| Flexural Strength                                  | 86.2        | MPa               | ASTM D 790    |
| Izod Impact notched, 1/8 in                        | 187         | J/m               | ASTM D 256    |
| <b>Thermal properties</b>                          |             |                   |               |
| <b>ASTM Data</b>                                   |             |                   |               |
| UL 94 Flame rating                                 | V-0         | -                 | UL 94         |
| Thickness tested                                   | 1.59        | mm                | -             |
| DTUL @ 264 psi                                     | 124         | °C                | ASTM D 648    |
| <b>Electrical properties</b>                       |             |                   |               |
| <b>ASTM Data</b>                                   |             |                   |               |
| Surface Resistivity                                | 1E11        | Ohm               | ASTM D 257    |
| Volume Resistivity                                 | 1E10        | Ohm*cm            | ASTM D 257    |
| <b>Other properties</b>                            |             |                   |               |
| Density  | 1300        | kg/m <sup>3</sup> | ASTM D 792    |
| Moisture Content                                   | 0.02        | %                 | -             |
| <b>Processing Recommendation Injection Molding</b> |             |                   |               |
| Pre-drying - Temperature                           | 121         | °C                | -             |
| Pre-drying - Time                                  | 4           | h                 | -             |
| Melt temperature                                   | 221 - 243   | °C                | -             |
| Mold temperature                                   | 65.6 - 121  | °C                | -             |
| Injection pressure                                 | 41.4 - 68.9 | MPa               | -             |

## Characteristics

### Processing

Injection Molding

### Special Characteristics

Anti-static, Flame retardant

### Regional Availability

North America, Europe, Asia Pacific