

| Processing/Physical Characteristics   | Value      | Unit              | Test Standard |
|---------------------------------------|------------|-------------------|---------------|
| <b>ASTM Data</b>                      |            |                   |               |
| Mold Shrinkage, MD                    | 0.0215     | mm/mm             | ASTM D 955    |
| Mold Shrinkage, TD                    | 0.0245     | mm/mm             | ASTM D 955    |
| Mechanical properties                 | dry / cond | Unit              | Test Standard |
| <b>ISO Data</b>                       |            |                   |               |
| Charpy impact strength, +23°C         | N / N      | kJ/m <sup>2</sup> | ISO 179/1eU   |
| Charpy notched impact strength, +23°C | 9 / 13     | kJ/m <sup>2</sup> | ISO 179/1eA   |
| Rockwell hardness                     | R 110      | -                 | ISO 2039-2    |
| <b>ASTM Data</b>                      |            |                   |               |
| Tensile Modulus                       | 2300 / 950 | MPa               | ASTM D 638    |
| Tensile Strength                      | 60 / 42    | MPa               | ASTM D 638    |
| Flexural Modulus                      | 2200 / 900 | MPa               | ASTM D 790    |
| Flexural Strength                     | 95 / 45    | MPa               | ASTM D 790    |
| Rockwell Hardness                     | R 110 /    | -                 | ASTM D 785    |
| Thermal properties                    | Value      | Unit              | Test Standard |
| <b>ASTM Data</b>                      |            |                   |               |
| UL 94 Flame rating                    | V-2        | -                 | UL 94         |
| DTUL @ 66 psi                         | 210        | °C                | ASTM D 648    |
| DTUL @ 264 psi                        | 65         | °C                | ASTM D 648    |
| Melting Temperature                   | 260        | °C                | ASTM D 3418   |
| Electrical properties                 | dry / cond | Unit              | Test Standard |
| <b>ASTM Data</b>                      |            |                   |               |
| Dielectric Strength, Short Time       | 32 / -     | kV/mm             | ASTM D 149    |
| Dissipation Factor, 1 MHz             | 0.01 / -   | -                 | ASTM D 150    |
| Dielectric Constant, 1 MHz            | 3 / -      | -                 | ASTM D 150    |
| Volume Resistivity                    | 1E14 / -   | Ohm*cm            | ASTM D 257    |
| Other properties                      | Value      | Unit              | Test Standard |
| Water Absorption, 24hr                | 1.2        | %                 | ASTM D 570    |
| Density                               | 1150       | kg/m <sup>3</sup> | ASTM D 792    |

**Characteristics**

**Processing**

Other Extrusion

**Applications**

Automotive

**Special Characteristics**

Flame retardant

**Regional Availability**

North America, Asia Pacific