

| <b>Processing/Physical Characteristics</b>         | <b>Value</b>     | <b>Unit</b>       | <b>Test Standard</b> |
|--|------------------|-------------------|----------------------|
| <b>ISO Data</b>                                    |                  |                   |                      |
| Molding shrinkage, parallel                        | <b>0.9</b>       | %                 | ISO 294-4, 2577      |
| <b>Mechanical properties</b>                       |                  |                   |                      |
| <b>ASTM Data</b>                                   | <b>Value</b>     | <b>Unit</b>       | <b>Test Standard</b> |
| Tensile Modulus                                    | <b>3700</b>      | MPa               | ASTM D 638           |
| Tensile Strength at Yield                          | <b>98</b>        | MPa               | ASTM D 638           |
| Elongation at Break                                | <b>20</b>        | %                 | ASTM D 638           |
| Flexural Modulus                                   | <b>3350</b>      | MPa               | ASTM D 790           |
| Izod Impact notched, 1/8 in                        | <b>60</b>        | J/m               | ASTM D 256           |
| Izod Impact unnotched, 1/8 in                      | <b>N</b>         | J/m               | ASTM D 256           |
| <b>Thermal properties</b>                          |                  |                   |                      |
| <b>ASTM Data</b>                                   | <b>Value</b>     | <b>Unit</b>       | <b>Test Standard</b> |
| DTUL @ 264 psi                                     | <b>146</b>       | °C                | ASTM D 648           |
| Melting Temperature                                | <b>342</b>       | °C                | ASTM D 3418          |
| <b>Electrical properties</b>                       |                  |                   |                      |
| <b>ASTM Data</b>                                   | <b>Value</b>     | <b>Unit</b>       | <b>Test Standard</b> |
| Surface Resistivity                                | <b>1E15</b>      | Ohm               | ASTM D 257           |
| <b>Other properties</b>                            |                  |                   |                      |
| <b>ASTM Data</b>                                   | <b>Value</b>     | <b>Unit</b>       | <b>Test Standard</b> |
| Density  | <b>1300</b>      | kg/m <sup>3</sup> | ASTM D 792           |
| <b>Processing Recommendation Injection Molding</b> |                  |                   |                      |
| <b>ASTM Data</b>                                   | <b>Value</b>     | <b>Unit</b>       | <b>Test Standard</b> |
| Pre-drying - Temperature                           | <b>150 - 160</b> | °C                | -                    |
| Pre-drying - Time                                  | <b>3 - 4</b>     | h                 | -                    |
| Melt temperature                                   | <b>350 - 390</b> | °C                | -                    |
| Mold temperature                                   | <b>180 - 200</b> | °C                | -                    |

## Characteristics

### Processing

Injection Molding

### Delivery form

Pellets, Natural Color

### Special Characteristics

Heat stabilized or stable to heat

### Applications

Aircraft and Aerospace, Automotive, Medical

### Regional Availability

North America, Europe, Asia Pacific, South and Central America, Near East/Africa