

| 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                                    | 6205       | MPa               | ASTM D 638    |
| Tensile Strength                                   | 82.7       | MPa               | ASTM D 638    |
| Flexural Modulus                                   | 5861       | MPa               | ASTM D 790    |
| Flexural Strength                                  | 121        | MPa               | ASTM D 790    |
| Izod Impact notched, 1/8 in                        | 58.7       | J/m               | ASTM D 256    |
| <b>Electrical properties</b>                       |            |                   |               |
| <b>ASTM Data</b>                                   |            |                   |               |
| Surface Resistivity                                | 1000000    | Ohm               | ASTM D 257    |
| Volume Resistivity                                 | 1000       | Ohm*cm            | ASTM D 257    |
| <b>Other properties</b>                            |            |                   |               |
| Density  | 1310       | kg/m <sup>3</sup> | ASTM D 792    |
| Moisture Content                                   | 0.2        | %                 | -             |
| <b>Processing Recommendation Injection Molding</b> |            |                   |               |
| Pre-drying - Temperature                           | 79.4       | °C                | -             |
| Pre-drying - Time                                  | 4          | h                 | -             |
| Melt temperature                                   | 277 - 299  | °C                | -             |
| Mold temperature                                   | 65.6 - 107 | °C                | -             |
| Injection pressure                                 | 68.9 - 124 | MPa               | -             |

## Characteristics

### Processing

Injection Molding

### Regional Availability

North America, Europe, Asia Pacific

### Special Characteristics

Increased electrical conductivity