

| <b>Processing/Physical Characteristics</b> | <b>Value</b> | <b>Unit</b> | <b>Test Standard</b> |
|--|--------------|-------------|----------------------|
| <b>ISO Data</b>                            |              |             |                      |
| Molding shrinkage, parallel                | <b>0.3</b>   | %           | ISO 294-4, 2577      |

| <b>Mechanical properties</b>          | <b>Value</b> | <b>Unit</b>       | <b>Test Standard</b> |
|---------------------------------------|--------------|-------------------|----------------------|
| <b>ISO Data</b>                       |              |                   |                      |
| Tensile Modulus                       | <b>23000</b> | MPa               | ISO 527              |
| Stress at break                       | <b>290</b>   | MPa               | ISO 527              |
| Strain at break                       | <b>1.5</b>   | %                 | ISO 527              |
| Flexural modulus, 23°C                | <b>18000</b> | MPa               | ISO 178              |
| Charpy impact strength, +23°C         | <b>55</b>    | kJ/m <sup>2</sup> | ISO 179/1eU          |
| Charpy notched impact strength, +23°C | <b>15</b>    | kJ/m <sup>2</sup> | ISO 179/1eA          |

| <b>Thermal properties</b>                | <b>Value</b> | <b>Unit</b> | <b>Test Standard</b> |
|--|--------------|-------------|----------------------|
| <b>ISO Data</b>                          |              |             |                      |
| Temp. of deflection under load, 1.80 MPa | <b>252</b>   | °C          | ISO 75-1/-2          |
| Temp. of deflection under load, 8.00 MPa | <b>241</b>   | °C          | ISO 75-1/-2          |

| <b>Other properties</b> | <b>Value</b> | <b>Unit</b>       | <b>Test Standard</b> |
|-------------------------|--------------|-------------------|----------------------|
| Density                 | <b>1300</b>  | kg/m <sup>3</sup> | ISO 1183             |

| <b>Processing Recommendation Injection Molding</b> | <b>Value</b>     | <b>Unit</b> | <b>Test Standard</b> |
|--|------------------|-------------|----------------------|
| Pre-drying - Temperature                           | <b>80</b>        | °C          | -                    |
| Pre-drying - Time                                  | <b>4</b>         | h           | -                    |
| Melt temperature                                   | <b>290 - 320</b> | °C          | -                    |
| Mold temperature                                   | <b>90</b>        | °C          | -                    |
| Back pressure                                      | <b>1</b>         | MPa         | -                    |

## Characteristics

### Processing

Injection Molding

### Delivery form

Pellets

### Special Characteristics

Heat stabilized or stable to heat

### Regional Availability

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