

| Processing/Physical Characteristics | Value | Unit                   | Test Standard   |
|-------------------------------------|-------|------------------------|-----------------|
| <b>ISO Data</b>                     |       |                        |                 |
| Melt volume-flow rate, MVR          | 34    | cm <sup>3</sup> /10min | ISO 1133        |
| Temperature                         | 300   | °C                     | -               |
| Load                                | 1.2   | kg                     | -               |
| Molding shrinkage, parallel         | 0.7   | %                      | ISO 294-4, 2577 |
| Molding shrinkage, normal           | 0.7   | %                      | ISO 294-4, 2577 |

| Mechanical properties               | Value | Unit              | Test Standard |
|-------------------------------------|-------|-------------------|---------------|
| <b>ISO Data</b>                     |       |                   |               |
| Tensile Modulus                     | 2350  | MPa               | ISO 527       |
| Yield stress                        | 63    | MPa               | ISO 527       |
| Yield strain                        | 6     | %                 | ISO 527       |
| Nominal strain at break             | >50   | %                 | ISO 527       |
| Stress at break                     | 60    | MPa               | ISO 527       |
| Strain at break                     | 120   | %                 | ISO 527       |
| Flexural modulus, 23°C              | 2350  | MPa               | ISO 178       |
| Flexural strength                   | 97    | MPa               | ISO 178       |
| Charpy impact strength, +23°C       | N     | kJ/m <sup>2</sup> | ISO 179/1eU   |
| Charpy impact strength, -30°C       | N     | kJ/m <sup>2</sup> | ISO 179/1eU   |
| Izod notched impact strength, +23°C | 55    | kJ/m <sup>2</sup> | ISO 180/1A    |
| Izod notched impact strength        | 12    | kJ/m <sup>2</sup> | ISO 180/1A    |
| Temperature                         | -30   | °C                | -             |

| Thermal properties                          | Value | Unit  | Test Standard  |
|---|-------|-------|----------------|
| <b>ISO Data</b>                             |       |       |                |
| Temp. of deflection under load, 1.80 MPa    | 123   | °C    | ISO 75-1/-2    |
| Temp. of deflection under load, 0.45 MPa    | 136   | °C    | ISO 75-1/-2    |
| Vicat softening temperature, B              | 143   | °C    | ISO 306        |
| Coeff. of linear therm. expansion, parallel | 65    | E-6/K | ISO 11359-1/-2 |
| Coeff. of linear therm. expansion, normal   | 65    | E-6/K | ISO 11359-1/-2 |

| Processing Recommendation Injection Molding | Value | Unit | Test Standard |
|---|-------|------|---------------|
| Pre-drying - Temperature                    | 120   | °C   | -             |
| Melt temperature                            | 280   | °C   | -             |
| Mold temperature                            | 80    | °C   | -             |
| Injection speed                             | 200   | mm/s | -             |

## Characteristics

### Processing

Injection Molding

### Additives

Release agent

### Special Characteristics

Opaque

### Features

High Gloss

### Applications

Automotive

### Regional Availability

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