

| Processing/Physical Characteristics | Value | Unit | Test Standard |
|-------------------------------------|------------|------------------------|-----------------|
| ISO Data | | | |
| Melt volume-flow rate, MVR | 14 | cm ³ /10min | ISO 1133 |
| Temperature | 260 | °C | - |
| Load | 5 | kg | - |
| Molding shrinkage, parallel | 0.6 | % | ISO 294-4, 2577 |
| Molding shrinkage, normal | 0.6 | % | ISO 294-4, 2577 |

| Mechanical properties | Value | Unit | Test Standard |
|-------------------------------------|---------------|-------------------|---------------|
| ISO Data | | | |
| Tensile Modulus | 2200 | MPa | ISO 527 |
| Yield stress | 50 | MPa | ISO 527 |
| Yield strain | 3.7 | % | ISO 527 |
| Stress at break | 42 | MPa | ISO 527 |
| Strain at break | >50 | % | ISO 527 |
| Flexural modulus, 23°C | 2230 | MPa | ISO 178 |
| Flexural strength | 77 | MPa | ISO 178 |
| Charpy impact strength, +23°C | N | kJ/m ² | ISO 179/1eU |
| Charpy impact strength, -30°C | N | kJ/m ² | ISO 179/1eU |
| Izod impact strength, +23°C | N | kJ/m ² | ISO 180/1U |
| Izod notched impact strength, +23°C | 55 | kJ/m ² | ISO 180/1A |
| Izod notched impact strength | 40 | kJ/m ² | ISO 180/1A |
| Temperature | -30 | °C | - |

| Thermal properties | Value | Unit | Test Standard |
|---|------------|-------|----------------|
| ISO Data | | | |
| Temp. of deflection under load, 1.80 MPa | 95 | °C | ISO 75-1/-2 |
| Temp. of deflection under load, 0.45 MPa | 112 | °C | ISO 75-1/-2 |
| Vicat softening temperature, B | 110 | °C | ISO 306 |
| Coeff. of linear therm. expansion, parallel | 80 | E-6/K | ISO 11359-1/-2 |
| Coeff. of linear therm. expansion, normal | 80 | E-6/K | ISO 11359-1/-2 |

| Other properties | Value | Unit | Test Standard |
|--------------------------|-------------|---------------------------|------------------|
| Density | 1100 | kg/m ³ | ISO 1183 |
| Global warming potential | 100 | kg CO ₂ eq./kg | ISO 14040, 14044 |

Characteristics

Processing

Injection Molding

Applications

General Purpose