

| Processing/Physical Characteristics | Value | Unit | Test Standard |
|-------------------------------------|-------|------------------------|-----------------|
| ISO Data | | | |
| Melt volume-flow rate, MVR | 9 | cm ³ /10min | ISO 1133 |
| Temperature | 230 | °C | - |
| Load | 2.16 | kg | - |
| Melt flow index, MFI | 8 | g/10min | ISO 1133 |
| Temperature | 230 | °C | - |
| Load | 2.16 | kg | - |
| Molding shrinkage, parallel | 1.0 | % | ISO 294-4, 2577 |
| Molding shrinkage, normal | 0.8 | % | ISO 294-4, 2577 |

| Mechanical properties | Value | Unit | Test Standard |
|---------------------------------------|-------|-------------------|---------------|
| ISO Data | | | |
| Tensile Modulus | 2650 | MPa | ISO 527 |
| Yield stress | 34 | MPa | ISO 527 |
| Yield strain | 5 | % | ISO 527 |
| Nominal strain at break | 23 | % | ISO 527 |
| Flexural modulus, 23°C | 2730 | MPa | ISO 178 |
| Charpy impact strength, +23°C | 46 | kJ/m ² | ISO 179/1eU |
| Charpy impact strength, -30°C | 18 | kJ/m ² | ISO 179/1eU |
| Charpy notched impact strength, +23°C | 3.4 | kJ/m ² | ISO 179/1eA |
| Charpy notched impact strength, -30°C | 1.5 | kJ/m ² | ISO 179/1eA |

| Thermal properties | Value | Unit | Test Standard |
|--|-------|------|----------------|
| ISO Data | | | |
| Melting temperature, 10°C/min | 162 | °C | ISO 11357-1/-3 |
| Temp. of deflection under load, 1.80 MPa | 71 | °C | ISO 75-1/-2 |
| Temp. of deflection under load, 0.45 MPa | 125 | °C | ISO 75-1/-2 |

| Other properties | Value | Unit | Test Standard |
|------------------|-------|-------------------|---------------|
| Density | 1040 | kg/m ³ | ISO 1183 |

| Processing Recommendation Injection Molding | Value | Unit | Test Standard |
|---|-----------|------|---------------|
| Pre-drying - Temperature | 80 | °C | - |
| Pre-drying - Time | 2 | h | - |
| Processing humidity | ≤0.07 | % | - |
| Melt temperature | 210 - 260 | °C | - |
| Mold temperature | 20 - 50 | °C | - |
| Zone 1 | 190 - 250 | °C | - |

Characteristics

Processing

Injection Molding

Applications

Automotive

Delivery form

Natural Color

Regional Availability

Europe

Features

Homopolymer