

| Processing/Physical Characteristics | Value | Unit | Test Standard |
|-------------------------------------|-------|------------------------|-----------------|
| ISO Data | | | |
| Melt volume-flow rate, MVR | 3.5 | cm ³ /10min | ISO 1133 |
| Temperature | 360 | °C | - |
| Load | 2.16 | kg | - |
| Melt flow index, MFI | 4.5 | g/10min | ISO 1133 |
| Temperature | 360 | °C | - |
| Load | 2.16 | kg | - |
| Molding shrinkage, parallel | 0.4 | % | ISO 294-4, 2577 |
| Molding shrinkage, normal | 1.0 | % | ISO 294-4, 2577 |

| Mechanical properties | Value | Unit | Test Standard |
|-------------------------------|-------|-------------------|---------------|
| ISO Data | | | |
| Tensile Modulus | 10500 | MPa | ISO 527 |
| Tensile Strength | 205 | MPa | ISO 527 |
| Strain at break | 2.5 | % | ISO 527 |
| Charpy impact strength, +23°C | 60 | kJ/m ² | ISO 179/1eU |

| Thermal properties | Value | Unit | Test Standard |
|--|-------|------|----------------|
| ISO Data | | | |
| Melting temperature, 10°C/min | 343 | °C | ISO 11357-1/-3 |
| Glass transition temperature, 10°C/min | 143 | °C | ISO 11357-1/-2 |
| Temp. of deflection under load, 1.80 MPa | 330 | °C | ISO 75-1/-2 |

| Other properties | Value | Unit | Test Standard |
|------------------|-------|-------------------|---------------|
| Density | 1480 | kg/m ³ | ISO 1183 |
| Bulk density | 690 | kg/m ³ | - |

| Processing Recommendation Injection Molding | Value | Unit | Test Standard |
|---|-----------|------|---------------|
| Pre-drying - Temperature | 140 - 160 | °C | - |
| Pre-drying - Time | 4 - 6 | h | - |
| Processing humidity | ≤0.02 | % | - |
| Melt temperature | 390 - 400 | °C | - |
| Mold temperature | 180 - 210 | °C | - |
| Zone 1 | 360 - 400 | °C | - |

Characteristics

Processing

Injection Molding

Delivery form

Pellets, Natural Color

Applications

Automotive, IT / Business Machine

Regional Availability

North America, Europe, Asia Pacific, South and Central America