

Product Texts

- MVR (300 °C/1.2 kg) 19 cm³/10 min
- low viscosity
- easy release
- flame retardant
- variable content of filler for high reflectance application

| Processing/Physical Characteristics | Value | Unit | Test Standard |
|---|-------|-----------|---------------|
| ISO Data | | | |
| ^[C] Melt volume-flow rate, MVR | 19 | cm³/10min | ISO 1133 |
| Temperature | 300 | °C | - |
| Load | 1.2 | kg | - |

[C]: CAMPUS

| Mechanical properties | Value | Unit | Test Standard |
|--|-------|-------|---------------|
| ISO Data | | | |
| Tensile Modulus | 2600 | MPa | ISO 527 |
| Yield stress | 60 | MPa | ISO 527 |
| Yield strain | 5.5 | % | ISO 527 |
| Nominal strain at break | >50 | % | ISO 527 |
| Stress at break | 55 | MPa | ISO 527 |
| Strain at break | 95 | % | ISO 527 |
| ^[C] Charpy impact strength, +23°C | N | kJ/m² | ISO 179/1eU |
| Izod notched impact strength, +23°C | 15 | kJ/m² | ISO 180/1A |
| ^[C] Puncture - maximum force, +23°C | 5000 | N | ISO 6603-2 |
| ^[C] Puncture energy, +23°C | 47 | J | ISO 6603-2 |

[C]: CAMPUS

| Thermal properties | Value | Unit | Test Standard |
|--|-------|-------|-----------------|
| ISO Data | | | |
| ^[C] Vicat softening temperature, B | 143 | °C | ISO 306 |
| ^[C] Burning Behav. at 1.5 mm nom. thickn. | V-0 | class | IEC 60695-11-10 |
| Thickness tested | 1.5 | mm | - |
| Yellow Card available | yes | - | - |

[C]: CAMPUS

| Other properties | Value | Unit | Test Standard |
|------------------------|-------|-------|---------------|
| ^[C] Density | 1340 | kg/m³ | ISO 1183 |

[C]: CAMPUS

| Test specimen production | Value | Unit | Test Standard |
|--|-------|------|---------------|
| ISO Data | | | |
| ^[C] Injection Molding, melt temperature | 280 | °C | ISO 294 |
| Injection Molding, mold temperature | 80 | °C | ISO 294 |

[C]: CAMPUS

| Processing Recommendation Injection Molding | Value | Unit | Test Standard |
|---|-----------|------|---------------|
| Pre-drying - Temperature | 120 | °C | - |
| Pre-drying - Time | 2 - 3 | h | - |
| Processing humidity | ≤0.02 | % | - |
| Melt temperature | 280 - 320 | °C | - |
| Mold temperature | 80 - 120 | °C | - |
| Zone 1 | 250 - 260 | °C | - |
| Zone 2 | 270 - 280 | °C | - |
| Zone 3 | 280 - 290 | °C | - |
| Nozzle temperature | 290 - 300 | °C | - |
| Back pressure | 5 - 15 | MPa | - |

Characteristics**Processing**

Injection Molding

Delivery form

White

Additives

Release agent

Special Characteristics

Flame retardant

Features

Light Reflecting

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