

Product Texts

PC/PBT- blend

| Processing/Physical Characteristics | Value | Unit | Test Standard |
|---|------------|------------------------|---------------|
| ISO Data | | | |
| ^[C] Melt volume-flow rate, MVR | 43 | cm ³ /10min | ISO 1133 |
| Temperature | 250 | °C | - |
| Load | 5 | kg | - |

[C]: CAMPUS

| Mechanical properties | Value | Unit | Test Standard |
|--|-------------|-------------------|---------------|
| ISO Data | | | |
| ^[C] Tensile Modulus | 2200 | MPa | ISO 527 |
| ^[C] Yield stress | 54 | MPa | ISO 527 |
| ^[C] Yield strain | 3.8 | % | ISO 527 |
| ^[C] Charpy impact strength, +23°C | N | kJ/m ² | ISO 179/1eU |
| ^[C] Charpy impact strength, -30°C | 43 | kJ/m ² | ISO 179/1eU |
| ^[C] Charpy notched impact strength, +23°C | 40 | kJ/m ² | ISO 179/1eA |

[C]: CAMPUS

| Thermal properties | Value | Unit | Test Standard |
|---|------------|------|---------------|
| ISO Data | | | |
| ^[C] Temp. of deflection under load, 1.80 MPa | 65 | °C | ISO 75-1/-2 |
| ^[C] Vicat softening temperature, B | 102 | °C | ISO 306 |

[C]: CAMPUS

| Other properties | Value | Unit | Test Standard |
|------------------------|-------------|-------------------|---------------|
| ^[C] Density | 1200 | kg/m ³ | ISO 1183 |

[C]: CAMPUS

| Processing Recommendation Injection Molding | Value | Unit | Test Standard |
|---|------------------|------|---------------|
| Pre-drying - Temperature | 120 | °C | - |
| Pre-drying - Time | 2 - 4 | h | - |
| Melt temperature | 240 - 280 | °C | - |
| Mold temperature | 90 - 120 | °C | - |

Characteristics

Processing

Injection Molding

Special Characteristics

Platable

Delivery form

Granules

Regional Availability

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

Additives

Release agent

Other text information

Injection molding

PREPROCESSING; **Pretreatment**

Predrying: 2-4h / 120°C

PROCESSING ;Processing:

| | | |
|------------------|-----------|----|
| Melttemperature | 240 - 280 | °C |
| Mouldtemperature | 90 - 120 | °C |