

Product Texts

| | |
|-----------------------|------------------|
| Printing direction | XY |
| Printing speed | 50 mm/s |
| Infill | 100%-rectilinear |
| Infill angle | 45°/-45° |
| Extrusion temperature | 260°C |
| Bed temperature | 100°C |

| Processing/Physical Characteristics | Value | Unit | Test Standard |
|-------------------------------------|-------|---------|---------------|
| ISO Data | | | |
| Melt flow index, MFI | 35 | g/10min | ISO 1133 |

| Mechanical properties | Value | Unit | Test Standard |
|-----------------------|-------|------|---------------|
| ISO Data | | | |
| Shore D hardness | 70.1 | - | ISO 7619-1 |

| Thermal properties | Value | Unit | Test Standard |
|--|-------|------|----------------|
| ISO Data | | | |
| Glass transition temperature, 10°C/min | 100 | °C | ISO 11357-1/-2 |

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

| 3D Data | Value | Unit | Test Standard |
|---|-------|-------------------|---------------|
| Other Standards^[5] | | | |
| Tensile modulus, flat | 2190 | MPa | ISO 527 |
| Tensile strength, flat | 30.4 | MPa | ISO 527 |
| Stress at break, flat | 27.7 | MPa | ISO 527 |
| Strain at break, flat | 4.9 | % | ISO 527 |
| Flexural modulus, flat | 1510 | MPa | ISO 178 |
| Charpy notched impact strength, +23°C, flat | 5.1 | kJ/m ² | ISO 179/1eA |

S: These properties are reported by the producer according standards that are different to our defaults.

Characteristics**Processing**

Additive Manufacturing

Features

Low Warpage

Delivery form

Monofilament

Regional Availability

Europe