

# Technical Data Sheet

Product name: **3DJAKE PCTG**

Version: 1.0

Date: 05.09.2022

## Dimensions

Size	Ø tolerance	Roundness
<b>1,75 mm</b>	± 0,05 mm	≥ 95%
<b>2,85 mm</b>	± 0,10 mm	≥ 95%

## Physical properties

Description	Typical value	Test method
Specific gravity	1,23	ASTM D792
Tensile strength at yield	44 MPa	ISO 527
Tensile strength at break	46 MPa	ISO 527
Elongation at yield	4,4 %	ISO 527
Elongation at break	220 %	ISO 527
Flexural Strength	60 MPa	ISO 178
Flexural Modulus	1600 MPa	ISO 178
Heat Distortion Temp @0,455 MPa/@ 1,820 MPa	76 / 64 °C	ISO 75

## Thermal properties

Description	Typical value	Test method
Printing temperature	250 – 270 °C	-
Vicat Softening Temp	88 °C	ASTM D1525

### Packaging:

All spools are sealed and packed with silica gel to avoid humidity.

### Additional info:

Recommended heat bed temperature to print 3DJAKE PCTG: ± 90 – 110 °C

**Storage:** Cool and dry (15-25°C) and away from UV light. This enhances the shelf life significantly.