

# Technical Data Sheet

Product name: **3DJAKE ecoPLA Ultra-Satin**

Version: 1.0

Date: 01.01.2021

## Dimensions

Size	∅ tolerance	Roundness
1,75 mm	± 0,05 mm	≥ 95%
2,85 mm	± 0,10 mm	≥ 95%

## Physical properties

Description	Typical value	Test method
Specific gravity	1,24 g/cc	ISO 1183
MFR 210 °C/2,16kg	14 g/10 min	ISO 1133
Tensile strength at Yield	64 MPa	ISO 527
Strain at yield	2,9%	ISO 527
E-Modulus	2580 MPa	ISO 527

## Thermal properties

Description	Typical value	Test method
Printing temperature	205 – 225 °C	-

### **Packaging:**

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

### **Additional info:**

Due to its low tendency to warp 3DJAKE ecoPLA Ultra-Satin can also be printed without a heated bed.

If you have a heated bed the recommended temperature is ± 35-60°C.

ecoPLA Ultra-Satin can be used on all common desktop FDM or FFF technology 3D printers.

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