

Technical Data Sheet



Product name: **3DJAKE ecoPLA Satin**

Version: 1.0

Date: 01.12.2018

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 Satin can also be printed without a heated bed.

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

ecoPLA 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.