

Technical Data Sheet



Product name: **3DJAKE ecoPLA Matt**

Version: 2.0

Date: 01.03.2024

Dimensions

Size	Ø 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	1,38 g/cc	ISO 1183
MFR 210 °C/2,16kg	14 g/10 min	ISO 1133
Tensile strength at Yield	46,5 MPa	ISO 527
Strain at yield	2,1%	ISO 527
E-Modulus	3970 MPa	ISO 527

Thermal properties

Description	Typical value	Test method
Printing temperature	215 ± 10 °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 Matt can also be printed without a heated bed.

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

PLA 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.