

Technical Data Sheet



Product name: **3DJAKE LumberJake PLA**

Version: 1.0

Date: 17.02.2020

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	1,2 g/cc	ASTM D1505
MFI	5 g/10 min	-
Impact strength	7 kJ/ m ²	-

Thermal properties

Description	Typical value	Test method
Printing temperature	190 – 210 °C	-
Melting temperature	145 °C ± 10 °C	ASTM D3418
Vicat softening temp.	45 °C	ISO 306

Packaging:

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

Additional info:

Due to its low tendency to warp 3DJAKE LumberJake PLA can also be printed without a heated bed. If you have a heated bed the recommended temperature is ± 35-60°C. We advise a nozzle ≥ 0,5mm. LumberJake 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.