

Technical Data Sheet

Product name: **3DJAKE ecoPLA CF**

Version: 1.0

Date: 06.11.2025

Dimensions

Size	Ø tolerance	Roundness
1,75 mm	± 0,05 mm	≥ 95%

Physical properties

Description	Typical value	Unit	Test method
Density	1,26	g/cm ³	ISO 1183-1/A
MFR (210 °C/2,16 kg)	5	g/10 min	ISO 1133-A
Tensile strength	55	MPa	ISO 527-1
Young's modulus	4300	MPa	ISO 527-1
Elongation at break	3,5	%	ISO 527-1
Notched impact strength	5	kJ/m ²	ISO 179-1eA
HDT (0,45 MPa, "B")	65	°C	ISO 75-1

Print Setting

Description	Typical value
Printing temperature	210 – 240 °C
Heated bed	20 – 60 °C

Packaging:

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

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