

Technical Data Sheet

Product name: **3DJAKE easyPETG 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	1,31	g/cm ³	ASTM D792
Tensile yield stress	70	MPa	ISO 527-2
Strain at yield	3	%	ISO 527-2
Tensile strength	72	MPa	ISO 527-2
Stress at break	65	MPa	ISO 527-2
Nominal strain at break	9	%	ISO 527-2
Flexural strength	85	MPa	ISO 178
Flexural modulus	2860	MPa	ISO 178
Deflection at flexural strength	7	Mm	ISO 178
Notched impact strength (Izod, 23 °C)	4	kJ/m ²	ISO 180
Notched impact strength (Izod, 0 °C)	4	kJ/m ²	ISO 180
Notched impact strength (Izod, -30 °C)	3	kJ/m ²	ISO 180
Unnotched impact strength (Izod, -30 °C)	85	kJ/m ²	ISO 180
HDT (0,45 MPa)	74	°C	ISO 75-2
HDT (1,80 MPa)	68	°C	ISO 75-2
Vicat VST B50	85	°C	ISO 306

Print Setting

Description	Typical value
Printing temperature	220 – 250 °C
Heated bed	60 – 90 °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.