

Technical Data Sheet

Product name: **3DJAKE ASA 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	1,12	g/cm ³	ISO 1183-1/A
Shrinkage (3,2 mm)	0,3	%	ISO 294-4
MFR (220 °C / 10 kg)	16	g/10 min	ISO 1133
Tensile strength	62	MPa	ISO 527
Elongation at break	8	%	ISO 527
Flexural strength	93	MPa	ISO 178
Flexural modulus	3100	MPa	ISO 178
Notched impact strength (Izod, 23 °C)	9,5	kJ/m ²	ISO 180/1A
Notched impact strength (Charpy, 23 °C)	9	kJ/m ²	ISO 179/1eA
HDT (1,8 MPa, flatwise)	93	°C	ISO 75
Vicat (50 N, 50 °C/h)	101	°C	ISO 306

Print Setting

Description	Typical value
Printing temperature	240 – 260 °C
Heated bed	110 °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.