

# Technical Data Sheet



Product name: **3DJAKE ASA**

Version: 1.0

Date: 01.10.2019

## Dimensions

Size	∅ 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	1,1 g/cc	ISO 1183
MFR	15 g/10 min	ISO 1133
Tensile strength	800 kg / cm <sup>2</sup>	ASTM D790
Tensile modulus	22100 kg / cm <sup>2</sup>	ASTM D790
Shrinking	0,5 %	ISO 294-4

## Thermal properties

Description	Typical value	Test method
Printing temperature	210 – 250 °C	-
Melting temperature	190 °C ± 10 °C	ISO 3146-C
VICAT A	95 °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 ASA can also be printed without a heated bed.

If you have a heated bed the recommended temperature is ± 60-100°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.