

Technical Data Sheet



Product name: **3DJAKE niceABS**

Version: 1.0

Date: 01.09.2018

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 260 °C/5kg	41 g/10 min	ISO 1133
Tensile strength at Yield	43,6 MPa	ISO 527
Strain at break	34%	ISO 527
Tensile modulus	2030 MPa	ISO 527
Impact strength	58kJ/ m ²	ISO 179

Thermal properties

Description	Typical value	Test method
Printing temperature	235 – 255 °C	-
Melting temperature	235 °C ± 10 °C	ISO 294
Vicat softening temp.	97 °C	ISO 306

Packaging:

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

Additional info:

Recommended temperature for heated bed is ± 80°C.

3DJAKE niceABS is printed at high temperatures to make the final product extra strong.

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