

Technical Data Sheet



Product name: **3DJAKE rPLA**

Version: 1.0

Date: 01.03.2020

Dimensions

Size	Ø 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	1,24 g/cc	ISO 1183
MFR 210 °C/2,16kg	11 g/10 min	ISO 1133
Tensile strength at Yield	63 MPa	ISO 527
Elongation at break	4%	ISO 527
Tensile modulus	3251 Mpa	ISO 527
Charpy impact strength	2,2 kJ/m ²	ISO 179

Thermal properties

Description	Typical value	Test method
Printing temperature	200 – 220 °C	-

Packaging:

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

Additional info:

Due to its low tendency to warp 3DJAKE rPLA can also be printed without a heated bed.

If you have a heated bed the recommended temperature is ± 35-60°C.

rPLA 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.