

Technical Data Sheet



Product name: **3DJAKE rPETG**

Version: 1.0

Date: 02.03.2020

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	1,25 g/cc	ISO 1183
MFR 200 °C/5kg	7,3 g/10 min	ISO 1133
Tensile strength at Yield	46 MPa	ISO 527
Strain at yield	4%	ISO 527
Strain at break	61%	ISO 527
Tensile modulus	2050 MPa	ISO 527
Impact strength	4,9 kJ/m ²	ISO 179

Thermal properties

Description	Typical value	Test method
Printing temperature	230 – 250 °C	-
Heat deflection temp.	70 °C	ASTM 648

Packaging:

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

Additional info:

Recommended temperature for heated bed is ± 60-80°C. Adhesion is possible on different surfaces.

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