

Technical Data Sheet

Product name: **3DJAKE Tough Resin**

Version: 1.0

Date: 02.09.2024

Physical properties

Description	Typical value	Test method
Density	1,18 g/cm ³	-
Young's modulus (Pull)	800 MPa	ISO 527
Elongation at break	20%	ISO 527
Tensile strength	23 MPa	ISO 527
Charpy impact test	53 KJ/m ²	ISO 179-2
HDT B	41,5°C	ISO 75

Printing parameters:

Specimens printed on a Phrozen Sonic Mighty 8K at 23°C and 50% humidity, 0,05 mm layer height, 2,2 seconds exposure time per layer.

Post-curing parameters:

30min with 200 W 405 nm UV LED. Conditioned 72 h at 23°C and 50% humidity.