



3DJAKE

Technical Data Sheet

Product name: **3DJAKE ecoResin**

Version: 1.0

Date: 09.03.2022

Physical properties

Description	Typical value	Test method
Density	1,21 g/cm ³	-
Young's modulus (Bending)	3100 MPa	ISO 527
Young's modulus (Pull)	6400 MPa	ISO 527
Elongation at break	5%	ISO 527
Tensile strength	50 MPa	ISO 527
Charpy impact test	17 KJ/m ²	-
HDT B	65,3 °C	-

Printing parameters:

Specimens printed on an Elegoo Mars 2 Pro at 23°C and 50% humidity, 0,05 mm layer height, 4,5 seconds exposure time per layer.

Post-curing parameters:

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