



3D JAKE

Technical Data Sheet

Product name: **3DJAKE High-Temperature 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) | 5500 MPa | ISO 527 |
| Elongation at break | 3% | ISO 527 |
| Tensile strength | 92 MPa | ISO 527 |
| Charpy impact test | 11 KJ/m ² | ISO 179-2 |
| HDT B | 180 °C | ISO 75 |

Printing parameters:

Specimens printed on an 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 200W 405nm UV LED. Conditioned 72h at 23 °C and 50% humidity.