



3DJAKE

Technical Data Sheet

Product name: 3DJAKE Resin Tough

Version: 1.0

Date: 15.04.2022

Physical properties:

Description	Typical value	Test method
Density	1,18 g/cm ³	ISO 1183
Viscosity	670 MPa*s	ISO 2555
Tensile strength at break	44 MPa	ISO 527
Elongation strain at break	28%	ISO 527
Tensile (E) modulus	1300 MPa	ISO 527
Impact Strength	46 kJ/m ²	ISO 179
Heat deflection temp. A (1,8 MPa)	38 °C	ISO 75
Hardness	77D	ISO 868

Printing parameters:

Recommended layer exposure times: 2-6 sec for monochrome, 6-14 sec for low power RGB at layer thickness 0,05 mm.

Post-curing parameters:

After printing, wash with Isopropyl alcohol. Immediately dry the print before post-curing for 15-20 minutes (in a standard post cure device).

Additional info:

Shake the closed bottle for at least a minute before use. Wait for bubbles to disappear.

Ensure adequate ventilation when handling this product. Use the necessary personal protection equipment. Optimal handling temperature is 20-25°C.

Avoid direct UV-radiation sources during handling as this can impact print performance. Standard Resin works on desktop LCD/MSLA technology, using 395-405 nm light.

Store cool and dry (15-25°C) and away from UV light. Ensure safe storage.

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