

Technical Data Sheet

Miniature LCD Resin – Model

Print date: 01-09-2022

Version: 1.0

Product specifications

FormFutura's "Miniature LCD Resin - Model" is the resin for modelling artists. It has fast curing times and 3D prints in high resolution.

This 3D printing resin captures the most delicate details in your 3D models. You can 3D print the finest hairs, wrinkles, muscles and facial expressions on your models. Easy!

Important key features

- Fast curing times.
- 3D prints in high resolution.
- Low viscosity and low odor.
- Easy to remove supports.
- Direct paintable surface.
- Compatible with all open-source SLA, DLP, and LCD 3D printers in the range of 385 - 405nm.

Suitable applications

- 3D printing figurines and miniatures.
- Model making.
- Creating dioramas.

Physical properties after post curing

This data provided for those properties are typical values, and should not be construed as sales specifications. Specimen printed in ZYX Orientation (ISO 52921) and examined according to ISO 17296-3.

Property	Typical value	Test Method
Young's modulus (Pull)	1360 MPa	ISO 527
Elongation at break	6%	ISO 527
Tensile strength	36,1 MPa	ISO 527
Charpy impact test	31 kJ/m ²	
HDT B	55 °C	
Density ρ	1,21 g/cm ³	



Printing parameters: Specimens are printed on a Phrozen Sonic Mini 4k at 23°C and 50% humidity with a 0,05mm layer height and 2,8 seconds exposure time per layer.

Post curing parameters: Specimens are 30min post cured with 200W 405nm UV LED conditioned for 72h at 23°C and 50% humidity.

Storage and handling

Provided proper storage and handling precautions are taken we would expect this resin to be technically stable for at least 12 months. For detailed advice on Storage and Handling please refer to the Safety Data Sheet on formfutura.com/downloads.

Product export information

HS Code	Description	Country of origin
29161400	Resin for 3D Printing	European Union

Disclaimer

All other information supplied, including that herein, is considered accurate but is furnished upon the express condition that the customer shall make its own assessment to determine a product's suitability for a particular purpose. We make no warranty, express or implied, including regarding any information supplied or the data upon which it is based or the results to be obtained from the use of such products or information, or concerning product, whether of satisfactory quality, merchantability, fitness for any particular purpose or otherwise, or with respect to intellectual property infringement as a result of use of information or products, and none shall be implied.