



Resin data sheet

Essential properties
and resin characteristics

Low-transmissive 2-photon resin

The visually black and non-transparent resin for 2PP printing is a real masterpiece. The material has light blocking properties from UV to VIS spectral range. Yet, the material is transparent to NIR and IR radiation, enabling the printing of fine details. The resin is non-cytotoxic, certified according to EN ISO 10993-5:2009.

Print set-up

Objective:
10x

Print mode:
vat



Elastic modulus	3,100 MPa
Tensile strength	80 MPa
Elongation at failure	4%
Flexural modulus	3,280 MPa
Flexural strength at 3.5%	95 MPa
Density	1.22 g/cm ³
Hardness	86 shore D
HDT A at 1.8 MPa	70°C

