



Resin data sheet

Essential properties
and resin characteristics

Fast prototyping 2-photon resin

The resin, which is optimized for throughput, is ideal for producing the first prototypes. The chemical reactivity of the resin allows increasing the layer spacing and thus enables ultrafast 3D printing of microparts. UpDraft is tolerant to print parameter variations, enabling fast development cycles.

Print set-up

Objectives:
5x, 10x, 20x

Print modes:
vat, bottom-up



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

