

Resin data sheet

Essential properties and resin characteristics

High performance 2-photon resin

The high-performance standard resin for functional components which are fully cured after 3D printing and require no thermal or optical post-processing. The polymerized parts are autoclavable and non-cytotoxic, certified according to EN ISO 10993-5:2009.

Print set-up

Objectives: 5x, 10x, 20x, 40x

Print modes: vat, bottom-up



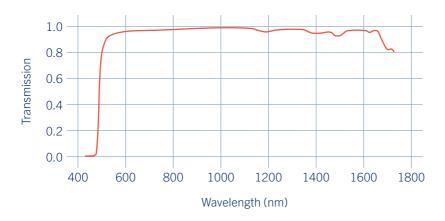
2,800 MPa
85 MPa
12%
2,900 MPa
127 MPa
$1.21\mathrm{g/cm^3}$
85 shore D
84°C
2.85
1.512

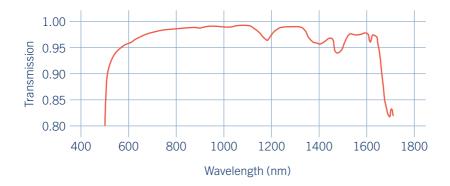


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UpPhoto transmission spectrum

The transmission spectrum of UpPhoto was measured through a 200 μ m thick, fully polymerized test specimen. High transmission in the NIR spectral region. Allows telecom applications.







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