

Tough Resin White

Resin | SLA

Tough, heat-resistant white resin for working prototypes and fixtures.

A white stereolithography resin built for toughness and higher heat resistance (about 76 °C) while keeping good detail. Use it for working prototypes, fixtures and surgical guides that will be assembled and tested, not just looked at.

Mechanical properties

Hardness	80.5 Shore D
Other specs	{'flexural': '67.5 MPa'}
Elastic modulus	2260 MPa
Tensile strength	27.5 MPa
Elongation at break	16%
Heat deflection temp	76°C

Typical applications

- Surgical guides
- Working prototypes
- Assembly fixtures
- Gadget housings
- Packaging prototypes
- Detailed art parts

Maximum part size

1700 × 800 × 600mm (larger parts can be split and joined)

Available finishes

Electroplated · Powder coated · Sanded smooth · Screen printed · Split and bonded · Spray painted, gloss · Spray painted, matte · Spray painted, metallic · Spray painted, soft-touch · UV clear coat

Values are indicative and depend on part geometry, build orientation and post-processing. For project-specific requirements contact info@3dexperts.me. Instant price: 3dexperts.me/quote