

UTR 3100 is a high-precision photosensitive resin material with excellent dimensional accuracy, smooth surface and excellent detail performance. It has good waterproof and moisture-proof characteristics, and can be used for post-treatment processes such as spray painting, dyeing, and silk screen printing. It is the most widely used photosensitive resin material.



■ ■ Advantages

Fast delivery; smooth surface of parts; high precision; waterproof and moisture-proof.

■ ■ Disadvantages

General strength and toughness

■ ■ Recommended reasons

Suitable for widely-used products, small shrinkage, good printing accuracy and detail performance.

Material parameters

Tensile strength	47.2 MPa
Tensile modulus	2373 MPa
Elongation	10.4%
Bending strength	81.5 Mpa
Bending modulus	2754 Mpa
Hardness Shore D	83
Density	1.3g/cm3

Application areas

- Electronic appliances
- Lost-foam mold for precision casting
- Art and display model
- Medical device shell