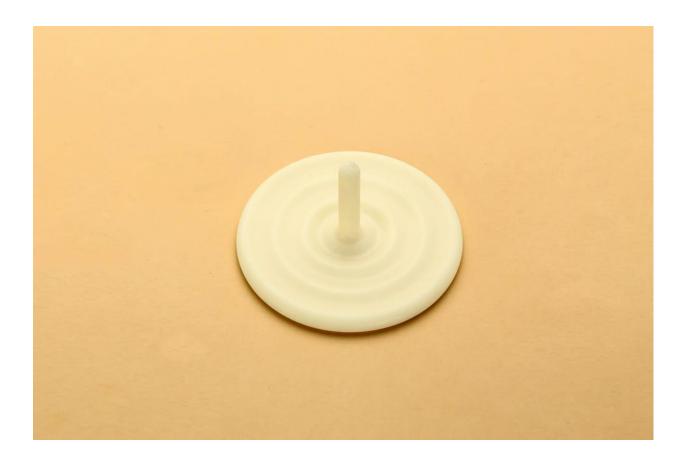


# **Ultra Tough Resin Yellow Datasheet**



### Overview

Ultra Tough Resin Yellow is a unique light-yellow resin specifically developed for SLA 3D printing. Parts printed with this material feature smooth surfaces and outstanding mechanical strength. It has a distinctive light-yellow shade.

As-printed Part's Tolerance: ±200µm or 0.2%

Maximum Printing Size: 2100\*1700\*810mm



## **Properties**

Thermal Properties	Metric	Method
Heat Deformation (0.46 MPa)	Coming Soon	Coming Soon
Heat Deformation (1.82 MPa)	Coming Soon	Coming Soon
Mechanical Properties	Metric	Method
Tensile Strength	Coming Soon	Coming Soon
Tensile Modulus	Coming Soon	Coming Soon
Elongation at Break	Coming Soon	Coming Soon
Flexural Properties	Metric	Method
Flexural Properties	Metric	Method
Flexural Properties Flexural Strength	<b>Metric</b> Coming Soon	<b>Method</b> Coming Soon
Flexural Properties Flexural Strength Flexural Modulus	Metric Coming Soon Coming Soon	Method Coming Soon Coming Soon
Flexural Properties Flexural Strength Flexural Modulus Impact Properties	Metric Coming Soon Coming Soon Metric	Method Coming Soon Coming Soon Method

#### **Pros**

Ultra Tough Resin Yellow is renowned for its exceptional mechanical properties and durability. With a high deformation temperature and impressive tensile strength, it excels in challenging conditions. It is perfect for visual prototypes and proof-of-concept models.

#### Cons

The color of Ultra Tough Resin Yellow may highlight layer lines. While it is more durable than many other resins, prolonged exposure to direct sunlight can cause printed parts to become brittle over time due to the material's inherent properties.

# **Applications**

Concept Prototypes	Consumer Electroni	cs Home Supplies
Industrial Display Panels	Jewelries	Experimental Instruments
Interior Decorations	Sculptures and Prop	os Mobile Power Banks