

# PRIMAVALUE™

## JEWELLERY CASTING

### Why should I use PRIMAVALUE™ Jewellery Casting resin?

- Fine details with smooth surface
- High precision, no cracking
- RoHS certified



\* Please see our website for latest options and colors available.



### PRIMAVALUE™ Jewellery Casting Resin

The PrimaCreator Value Jewellery Casting Resin is a high quality, affordable casting resin for Jewellery. It is formulated in such a way that makes it easy to use, with 'no-ash' burn out, low shrinkage and its ability to reproduce super fine details.

Not only can it reproduce super fine details, it also has added flexibility making it much less prone to cracking during curing/drying compared to other resins on the market, this means that you don't have to worry about large batches of highly intricate jewellery that has super fine details.

Some examples/use cases include batch printing of rings, earrings and test pieces. Costume jewellery, wedding bands.

# PRIMAVALUE™

## JEWELLERY CASTING

The resin is suitable for use on both LCD, Mono LCD, and DLP 3D Printers using a 395-405nm light source. Many popular printers include the Photon Mono Series, the new Photon M3 Series as well as Crealty 3D's Halot Series. Compatibility doesn't stop there, the resin is also designed to be used with many other machines, including but not limited to: Phrozen, Zortrax, Wanhao, SparkMarker, Nova3D and more!



### 3D PRINTING SETTINGS:

- Optimized for UV light source 395 – 405 nm
- Fast curing time, 6-8s Per Layer (depending on colour) for quicker prints (Monochrome LCD)
- After finished 3D printing clean your print in IPA (Isopropyl Alcohol) or PrimaCreator Resin Cleaner to rinse off extra resin left
- PrimaValue Resins work on several 3D printers
- When it's time for curing you can use sunlight or a UV curing chamber.

### DEPENDING ON YOUR 3D PRINT THE CURING TIMES CAN VARY:

- In a UV light curing chamber, it will take about 2-5 minutes
- In sunlight, 10-20 minutes
- In daylight on a cloudy day, it can take up to 60 minutes
- When you want astonishing results for less cost than many other brands - PrimaCreator VALUE resin should be your first choice!

### Technical specification

Flexural modulus (Mpa): 1.882-2,385 ±10%	Elongation at break (%): 11-20 ±10%
Flexural strength (Mpa): 49-58 ±10%	Hardness (Shore D): 64-68 ±10%
Tensile strength (MPa): 42-62 ±10%	Tensile modulus (MPa): 1.86-2.64 ±10%
Viscosity (mPa·s): 100-450	Density (g/cm³): 1.05-1.18
Maximum pulling strength (N): 1367 ±10%	Notched impact strength (J/m): 41-49 ±10%

Reseller: