

PRIMAVALUE™

DENTAL CASTING RESIN

Why should I use PRIMAVALUE™ Dental Casting resin?

- Ultra low shrinkage
- Ash free for casting
- Suitable for crown and frame casting
- High precision prints
- Available color: green
- Compatible printer: DLP, LCD, SLA



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



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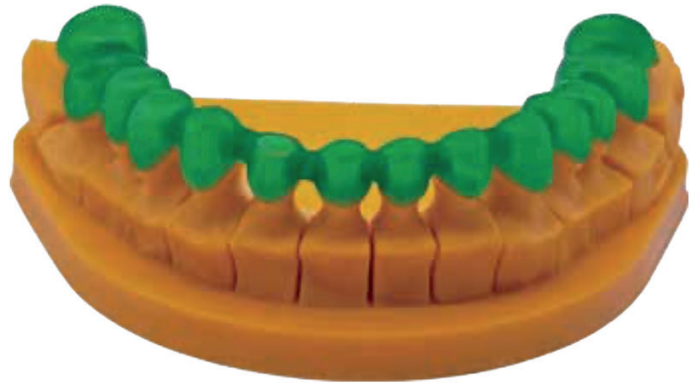
The PrimaCreator Value Dental Casting Resin is a high quality, affordable resin suitable for casting in the dental sector. It is formulated in such a way that makes it easy to use, with easy burn out for different dental metals without picking any casting powders.

It has **ultra-low shrinkage**, **ash free burnout** and **high precision prints**. These 3 things are a must when you are looking for a good value dental casting resin. When processing the models for printing, you can account for less shrinkage compared to other resins on the market, giving you extra peace of mind that the models will be both of a high quality, and be dimensionally accurate.

These resins have been used in the manufacture of crowns, dental support structures and teeth moulds.

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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 CreaLity 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, 3-4s 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): 881.08 ±10%	Elongation at break (%): 8.85 ±10%
Flexural strength (Mpa): 39.81 ±10%	Hardness (Shore D): 85-88
Tensile strength (MPa): 30.59 ±10%	Tensile modulus (MPa): 433.36 ±10%
Viscosity (mPa·s): 50-170	Density (g/cm ³): 1.05-1.25
Maximum pulling strength (N): 1272.04 ±10%	Notched impact strength (J/m): 133.97 ±10%

Reseller: