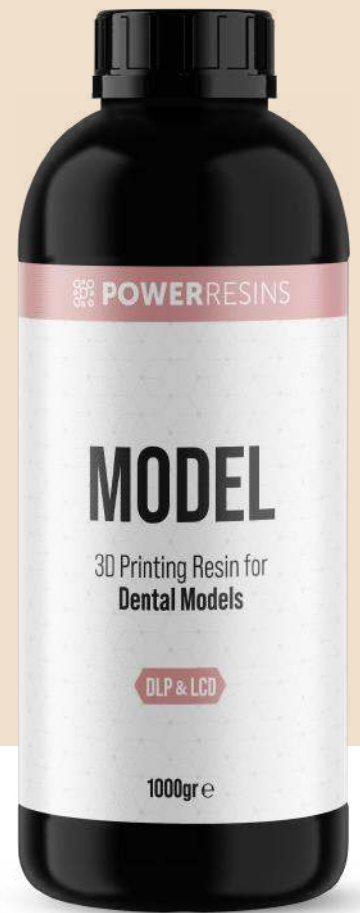


# PowerResins Dental Model

Rapidly Produce highly accurate Dental Models

PowerResins Model is a special ceramic based 3d printer resin for dental model printing. It was specifically developed in order to have high dimensional stability and a special texture for dental models processing. Model Resin can be used for any type of DLP or LED curing 3d printer.

- Suitable for high accuracy dental model printing
- Ceramic based smooth surface with hard finish for dental model post-processing
- Special opaque/mat texture color in order to ease technician eyes during long time processes
- Fast curing properties for fast printing



## SMOOTH SURFACE

Print any models with perfect smooth quality and accuracy



## GOOD COLOR & CLARITY

Allows you to work more easily with skin color and contains no pigment solution



## LOW SHRIKAGE

This resin has low shrinkage and will not change shape after post-curing

## MATERIAL PROPERTIES

| PROPERTY          | STANDART     | VALUE                  |
|-------------------|--------------|------------------------|
| Flexurel Strength | ASTM D790-02 | 76.1 Mpa               |
| Flexurel Modulus  | ASTM D790-02 | 2344 Mpa               |
| Tensile Strength  | ASTM D638    | 22.2 Mpa               |
| Density           | ASTM D1475   | 1.1 g/cm3 at 23 °C     |
| Viscosity         | DIN 53211-4  | 200-225 mPa.s at 23 °C |
| Shore Hardness    | ASTM D2240   | 76.75                  |
| Color             | Light Pink   |                        |

