

## 3D DENTAL STANDARD MODEL RESIN

### END USE

Monocure 3D Standard Model Dental resin features high dimensional stability, a gypsum-like texture, a unique matte finish and an opaque colour for 3D printed dental model processing. The Standard formula works well on higher powered project or type DLP 3D printers. This resin allows for highly accurate printing in the range of 100 to 25 microns. The surface finish is very smooth and hard, which helps create precise angles, optimising the print quality and reducing the rate of print failures.

### PHYSICAL PROPERTIES

Product Code(s)	3DDS-3817W, 3DDS-3818BG, 3DDS-3819T, 3DDS-3588GY & 3DDS-3830C
Colour(s)	White, Beige, Tan, Grey & Clear
Viscosity	400cps @ 25°C (BrookfieldRVT)
Odour	Negligible Characteristics
Shelf Life	24 months
Active Solids	100%
UV Cure	225nm to 420nm
Cure Speed	3-7 seconds per layer with UV 405um
Storage	Dark, cool & dry place away from direct sunlight.
Wash Up	RESINAWAY® or IPA (Isopropyl Alcohol)



### APPLICATION

We developed our Dental model resin for high accuracy 3D printing of teeth & gums. The printed models are perfect for vacuum forming aligner plates as it possesses a hard surface finish of Shore D80 after postcuring. It is also well suited for prototypes of dentures, crowns and bridges. It has been specially formulated to be easy on the eyes due to its high level of opaqueness and matte finish. It is compatible with any higher powered, projector type DLP3D Resin Printer, these include; UnizSlash,S printRay MoonRay D/S, Phrozen Make, B9 Creator, Flashforge Hunter, XYZ Nobel & Kudo 3D Titan. Please remember that Monocure 3D DENTAL model resin is not recommended for intraoral use.

### PACKAGING

Monocure 3D DENTAL STANDARD RESIN is packed in 1.25ltr aluminium bottles with a foil induction seal and a screw top cap.