



Illustration only.
Actual product may differ.

Resin properties

Photopolymer resin for the printing and casting of dental crowns and bridges and general purpose dental products.

Volume: 1000 ml

Curing wavelength: 405nm

General instructions: Shake bottle well before use. Do not refill used resin into bottle. When printing with used resin, filter, stir and shake well. Keep container tightly closed. Store locked up in a dark, dry place. Use at room temperature. MSDS available upon request.

Firing instructions

GENERAL

The VOXELTEK Cast resin is a material similar to pattern resin commonly used in dentistry. It is a resin-based polymer that has no liquid state when heat-treated. It softens, but unlike wax, it does not melt. Sports two stages: solid and gas and sublimates, boils away in between. Because of the large tensioning forces in the investing material, it generally breaks or explodes.

METHOD

After printing and post-polymerization, the print must **ONLY** be invested with fast investment material. This material has inter-crystal, expansion spaces that enable it to withstand extreme expansions. Conventional embedding will not work!

When the embedment is at its highest temperature, around **20 minutes** after embedding, place it in the oven with final-stage temperature (>**850 C**). Leave it for **40 minutes** and it is ready to be casted.

IMPORTANT



No conventional embedding material. Use ONLY fast embedding material.



Burnout with final temperature stage oven. No preheating needed!