



3D DENTAL RESINS



**Exceptional
Quality**



**High
Accuracy**



Biocompatible

PREVEST//3D

Welcome to Prevest3D, your gateway to the exciting world of 3D printing dental resins. We are passionate about revolutionizing the dental industry by harnessing the power of cutting-edge technology to provide high-quality, customizable solutions for dental professionals worldwide. At Prevest3D, we understand that precision and innovation are essential in modern dentistry. That's why we have dedicated ourselves to develop and supply the finest range of 3D printing dental resins available on the market. Our resins are meticulously formulated using state-of-the-art materials, ensuring exceptional accuracy, strength, and biocompatibility.

Our comprehensive selection of dental resins covers a broad spectrum of applications, including crown and bridge, denture bases, surgical guides, models, and more. Whether you're a seasoned professional or just starting your journey with 3D printing, we have the perfect resin to meet your unique needs and help you achieve outstanding results.

We pride ourselves on our customer-centric approach. We believe in building lasting relationships with our clients, offering exceptional support and guidance at every step. Our team of dedicated experts is readily available to provide technical assistance, answer your questions, and share valuable insights to ensure your success.



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Prevest C&B, Ceramic

Nano Ceramic Filled material for High Flexural & Compressive strength

Prevest C&B, Ceramic is a Nano ceramic filled hybrid material at 50% content composition. This specialized 3D resin material is developed for high flexural & compressive strength making Prevest C&B Ceramic a definitive search for 3D crowns printing. The material is biocompatible and fulfills Class II requirements. The print is easy to finish and polish and gives excellent aesthetics matching existing teeth. The speciality of material is accurate fitting with smooth production sequence and reproducible results.

The material is designed to print at 25 micron - 100 micron using LCD/DLP printers.

Available in shades : Vita shades, Bleach & Extra bleach.

Presentation: Ref : 18017 : 1 x 250g Bottle
Ref : 18013 : 1 x 500g Bottle
Ref : 18014 : 1 x 1000g Bottle

Indications	Benefits	Chemistry	Technical Data
It is used for the fabrication of 3D printed permanent crown inlays, onlays and veneers.	- Low water absorption tendency reduces aging and discoloration - Smooth surface so low plaque accumulation - Low cold and heat sensitivity - Fluorescence resembles natural teeth - Excellent aesthetics - High flexural and compressive strength - Radiopaque for clear visibility of restoration on radiographs	Methacrylates, Photo-initiator, Inhibitor, pigment and fillers.	ISO 4049 1. Flexural Strength 2. Flexural Modulus 3. Compressive strength 4. Viscosity ≥150 Mpa ≥4.2 Gpa ≥280 Mpa 2000-3000 mPa.s

Scan for



- Material Safety Data Sheet
- Instructions for use
- Specifications for printing



Prevest C&B, Interim

Tooth colored dental glass filled hybrid material for 3D printing of temporary crowns, inlays, onlays and veneers

Prevest C&B, Interim resin is biocompatible and fulfills Class II requirements. This 3D printing material is composed of inorganic fillers which gives high flexural and compressive strength. The print is easy to finish and polish and gives excellent aesthetics matching existing teeth. The speciality of material is accurate fitting with smooth production sequence and reproducible results.

The material is designed to print at 25 micron - 100 micron using LCD/DLP printers.

Available in shades : Vita shades, Bleach & Extra bleach.

- Presentation:** Ref : 18015 : 1 x 250g Bottle
Ref : 18005 : 1 x 500g Bottle
Ref : 18006 : 1 x 1000g Bottle

Indications	Benefits	Chemistry	Technical Data
It is used for fabrication of 3D printed temporary crown and bridge restorations, inlays, onlays and veneers	- Low water absorption tendency reduces aging and discoloration - Smooth surface so low plaque accumulation - Low cold and heat sensitivity - Fluorescence resembles natural teeth - Excellent aesthetics - High flexural and compressive strength	Methacrylates, Photo-initiator, Inhibitor and pigment.	ISO 4049 1. Flexural Strength 2. Flexural Modulus 3. Compressive strength 4. Viscosity ≥120 Mpa ≥4.0 Gpa 150 Mpa 800-1000 mPa.s



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Prevest C&B, Permanent

Tooth colored dental glass filled hybrid material for 3D printing of permanent crowns, inlays, onlays and veneers

Prevest C&B, permanent resin is biocompatible and fulfills Class II requirements. This 3D printing material is composed of inorganic fillers which gives high flexural and compressive strength. The print is easy to finish and polish and gives excellent aesthetics matching existing teeth. The speciality of material is accurate fitting with smooth production sequence and reproducible results.

The material is designed to print at 25 micron - 100 micron using LCD/DLP printers.

Available in shades : Vita shades, Bleach & Extra bleach.

Presentation: Ref : 18016 : 1 x 250g Bottle
Ref : 18007 : 1 x 500g Bottle
Ref : 18008 : 1 x 1000g Bottle

Indications	Benefits	Chemistry	Technical Data
It is used for fabrication of 3D printed permanent crown inlays, onlays and veneers	- Low water absorption tendency reduces aging and discoloration - Smooth surface so low plaque accumulation - Low cold and heat sensitivity - Fluorescence resembles natural teeth - Excellent aesthetics - High flexural and compressive strength	Methacrylates, Photo-initiator, Inhibitor and pigment.	ISO 4049 1. Flexural Strength 2. Flexural Modulus 3. Compressive strength 4. Viscosity ≥140 Mpa ≥4.2 Gpa ≥250 Mpa 1000-2000 mPa.s



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Prevest Model Pro

3D Printing Resin for Fabrication of Thermostable Models

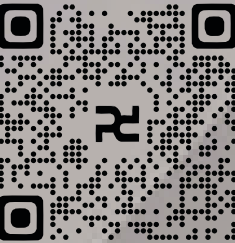
Prevest Model Pro resin is a way forward in 3D printing of more accurate and highly precised model base and dies with easy fitting and easy attachment of crowns and bridges. The material is designed with high flexural strength and more heat resistance. The material is designed to print at 25 micron - 100 micron using LCD/DLP printers.

Prevest Model Pro prints models with high quality & odor free properties.

Available in Beige color.

Presentation: Ref : 18022 : 1 x 250g Bottle
Ref : 18023 : 1 x 500g Bottle
Ref : 18024 : 1 x 1000g Bottle

Indications	Benefits	Chemistry	Technical Data
It is used for fabrication of 3D crown and bridge models, orthodontic models, diagnostic model and implant analog models.	- High Flexural strength and modulus - Fast printing speed - Easy to separate from thermoforming materials - Color contrast models for maximum visibility of small details	Methacrylates, Photo-initiator, Inhibitor and pigment.	ASTM D790-15 (Method-B) 1. Flexural Strength 2. Flexural Modulus 3. Viscosity 4. Heat Stability ≥55 Mpa ≥2.5 Gpa 800 - 1500 mPa.s upto 130°C



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Prevest Model

3D Print High-Contrast Dental Models

Prevest Model is a way forward in 3D printing of more accurate and highly precise model base and dies with easy fitting and easy attachment of crowns and bridges. The material is developed with high flexural strength . The material is ideal for prosthodontic and orthodontic models where high precision is required. The material is designed to print at 25 micron - 100 micron using LCD/DLP printers.

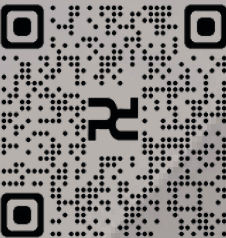
Available in Beige color.

Presentation: Ref : 18021 : 1 x 250g Bottle

Ref : 18001 : 1 x 500g Bottle

Ref : 18002 : 1 x 1000g Bottle

Indications	Benefits	Chemistry	Technical Data
It is used for fabrication of 3D crown and bridge models, orthodontic models, diagnostic models and implant analog models.	- High Flexural strength and modulus - Fast printing speed - Color contrast models for maximum visibility of small details	Methacrylates, Photo-initiator, Inhibitor and Pigment.	ASTM D790-15 (Method-B) 1. Flexural Strength ≥55MPa 2. Flexural Modulus ≥1.5GPa 3. Viscosity 300 - 500mPa.s



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Prevest Model Standard

3D Printing Resin for Fabrication of Models

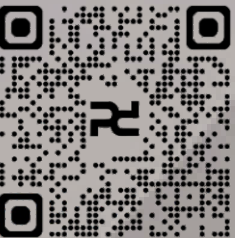
Prevest Model Standard resin is a light-curing material for the 3D printing of dental high-dental prosthodontic and orthodontic study models in LCD and DLP 3D printers as reactive to wavelength of light between 385nm and 405nm.

The material is designed to print at 25 micron - 100 micron using LCD/DLP printers.

Available in clear transparent appearance.

Presentation: Ref : 18039 : 1 x 250g Bottle
Ref : 18037 : 1 x 500g Bottle
Ref : 18038 : 1 x 1000g Bottle

Indications	Benefits	Chemistry	Technical Data	
It is indicated for the fabrication of 3D crown and bridge models, orthodontic models, diagnostic models and implant analog models.	- Excellent Surface Detail - Cost-Effective Model Fabrication - Ideal for Study Models - High Dimensional Stability	Acrylates, Photo-initiator, Inhibitor and Pigment.	1. Flexural Strength 2. Flexural Modulus	≥20 Mpa ≥1.5 Gpa



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Prevest Burn Out

Ash – Free Castable Resin

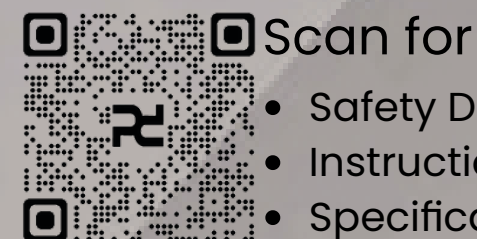
Prevest Burn Out 3D Resin material is an easy burnout material for printing cast crowns, bridges, and frameworks of all kinds. The printed material can be burned out without leaving any residue. The speciality of material is accurate fitting with smooth production sequence and reproducible results.

The material is designed to print at 25 micron - 100 micron using LCD/DLP printers.

Available in Pink color.

Presentation: Ref : 18019 : 1 x 250g Bottle
Ref : 18011 : 1 x 500g Bottle
Ref : 18012 : 1 x 1000g Bottle

Indications	Benefits	Chemistry	Technical Data								
It is used for 3D printing of burn out frames in Casting of partial dentures, crowns and bridges, inlays, onlays and veneers.	- Easy to work - Suitable for casting copings, substructures, crowns and more - Burns clean with no residue left after burnout	Functional (Meth)acrylic resins, Photoinitiators and pigments	ASTM D790-15 (Method-B) <table><tr><td>1. Flexural Strength</td><td>≥60 Mpa</td></tr><tr><td>2. Flexural Modulus</td><td>≥1.5 Gpa</td></tr><tr><td>3. Residual Ash content</td><td><0.1%</td></tr><tr><td>4. Viscosity</td><td>100-190 mPa.s</td></tr></table>	1. Flexural Strength	≥60 Mpa	2. Flexural Modulus	≥1.5 Gpa	3. Residual Ash content	<0.1%	4. Viscosity	100-190 mPa.s
1. Flexural Strength	≥60 Mpa										
2. Flexural Modulus	≥1.5 Gpa										
3. Residual Ash content	<0.1%										
4. Viscosity	100-190 mPa.s										



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Prevest Surgical Guide

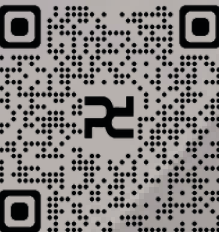
3D Print precise clear Guides

Prevest Surgical Guide is a high precise and more accurate 3D printing material used for fabrication of templates for implant surgery. The material is biocompatible and fulfills Class I requirements. The high accuracy in printing enables easy pilot drilling. The material is designed to print at 25 micron - 100 micron using LCD/DLP printers.

Available in clear transparent appearance.

Presentation: Ref : 18020 : 1 x 250g Bottle
Ref : 18003 : 1 x 500g Bottle
Ref : 18004 : 1 x 1000g Bottle

Indications	Benefits	Chemistry	Technical Data
It is a photopolymer resin used for 3D printing of dental surgical guides to aid in dental implant placement procedures.	- Autoclavable - Easy chemical disinfection - Fast printing - Clear, ice aesthetic appearance - High flexural strength	Methacrylates, Photo-initiator, Inhibitor and Primer.	ASTM D790-15 (Method-B) 1. Flexural Strength ≥50 Mpa 2. Flexural Modulus ≥1.5 Gpa 3. Viscosity 310 - 380mPa.s



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Prevest Denture

Biocompatible Photopolymer Resin for Denture Bases

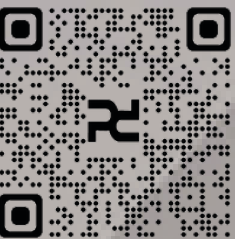
Prevest Denture 3D Resin material is biocompatible Class II material for printing all types of removable denture bases. Material is having excellent mechanical properties which can produce long-lasting, wear-resistant, biocompatible denture bases at a fraction of the cost compared to traditional methods. The speciality of material is accurate fitting with smooth production sequence and reproducible results.

The material is designed to print at 25 micron - 100 micron using LCD/DLP printers.

Available in Pink Denture shades.

Presentation: Ref : 18018 : 1 x 250g Bottle
Ref : 18009 : 1 x 500g Bottle
Ref : 18010 : 1 x 1000g Bottle

Indications	Benefits	Chemistry	Technical Data
It is indicated for the fabrication of removable full and partial dentures and base plate	- Semi-Translucent, Pink Base shades - Strong and water-Resistant - Repeatable and reliable	Methacrylates, Photo-initiator, and pigment.	1. Flexural Strength 2. Flexural Modulus 4. Water sorption 5. Water Solubility ≥65 Mpa ≥2.0 Gpa ≤35 µg/mm³ ≤3.0 µg/mm³



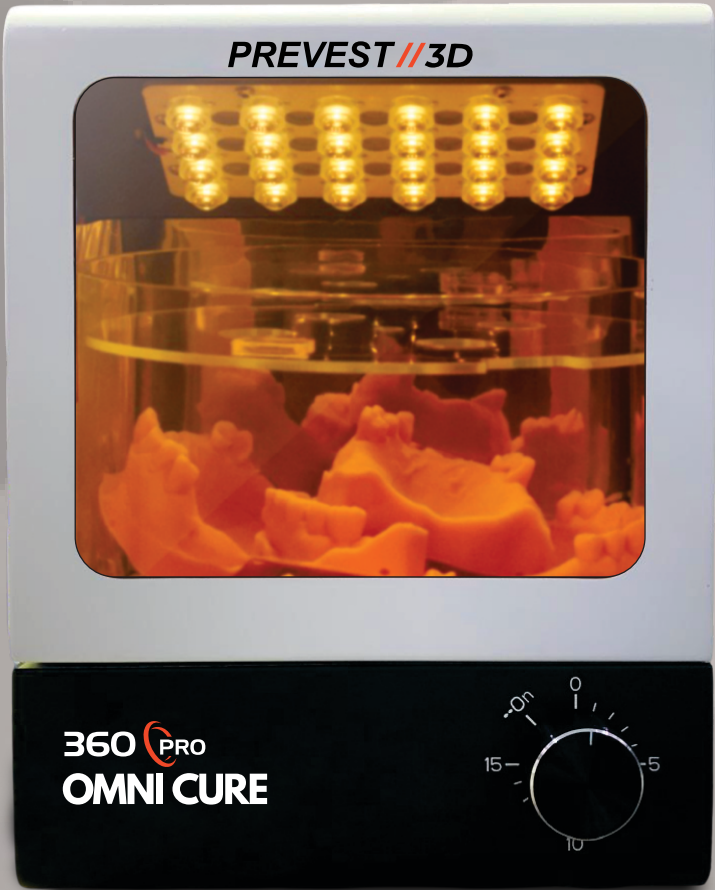
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PREVEST//3D
OMNI 9K

Limited Warranty
on Accessories*

TECH DATA	
MODEL	OMNI 9K
Screen	7 inch 9K LCD Screen
Pixel Size	8250*4320px
Overall Power	70W
Printing Size	153*78*150mm
Print Layer Thickness	0.025 - 0.1mm
Printing Speed	35mm/h
XY resolution	18um
Curing Wavelength	405nm
Support formats	STL
Slicing software	Chitubox
Product Size	300*250*395mm
Gross weight	13.3kg
Warranty*	1 Year
Tech Support	Online
In-house Training	Extra cost
Data Transmission	USB / Wifi / LAN
Power Outages	Yes



PREVEST//3D
OMNI CURE

Limited Warranty
on Accessories*

TECH DATA	
MODEL	OMNI CURE
Technology	LED UV Second Curing
Curing	200*200*160mm (H)
Application	Dental, Jewellery, Precision parts, Figures
Set Time	1 - 15 minutes
Power	In : AC220V to DC12V
Rated Power	100W
Frequency Band	405/385nm

High Performance 3D RESINS



PREVEST DENPRO LIMITED

Unit II, Export Promotion Industrial Park (EPIP),
Bari Brahmana, Jammu-181133, India

 + 91 191 350 6858, 60, 61

 + 91 8899074151

 www.prevestdenpro.com

 info@prevestdenpro.com