



3D DENTAL RESINS

- Exceptional Quality
- High Accuracy
- Biocompatible



C&B-Interim

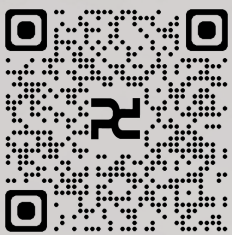
Tooth colored dental glass filled hybrid material for 3D printing temporary crowns, inlays, onlays and veneers

Prevest C&B-Interim resin is a biocompatible and fulfils Class II requirements. This 3D printing material 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 50 micron & 100 micron using LCD/DLP/SLA printers.
Available in shades : A1, A2, A3, B1, B3, C2, and D3.

Presentation: Ref : 18005 : 1 x 500g Bottle
Ref : 18006 : 1 x 1000g Bottle

Indications	Benefits	Chemistry	Technical Data
<ul style="list-style-type: none">It is used for 3D printing of temporary crown and bridge restorations, inlays, onlays and veneers.	<ul style="list-style-type: none">Low water absorption tendency reduces tendency to age and discolorationSmooth surface so low plaque accumulationLow cold and heat sensitivityFluorescence resembles natural teethExcellent aestheticsHigh flexural and compressive strength	<ul style="list-style-type: none">Methacrylates, Photo-initiator, Inhibitor and Pigment.	<div><div><div>1. Flexural Strength</div><div>2. Flexural Modulus</div><div>3. Compressive Strength</div><div>4. Water sorption</div><div>5. Water solubility</div></div><div><div>>140 MPa</div><div>>4.0 Gpa</div><div>150 MPa</div><div>3 - 4.5µg/mm³</div><div>0.5 - 1.8µg/ mm³</div></div></div> <div><div>ISO 4049</div><div>Viscosity</div><div>1500-2000 mPa.s</div></div>



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- Instructions for use
- Specifications for printing



C&B-Permanent

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

Prevest C&B-Permanent resin is a biocompatible and fulfils Class II requirements. This 3D printing material 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 50 micron & 100 micron using LCD/DLP/SLA printers.

Available in shades : A1, A2, A3, B1, B3, C2, and D3.

Presentation: Ref : 18007 : 1 x 500g Bottle

Ref : 18008 : 1 x 1000g Bottle

Indications	Benefits	Chemistry	Technical Data
<ul style="list-style-type: none">It is used for the fabrications of 3D printing of permanent crown inlays, onlays and veneers.	<ul style="list-style-type: none">Low water absorption tendency reduces tendency to age and discolorationSmooth surface so low plaque accumulationLow cold and heat sensitivityFluorescence resembles natural teethExcellent aestheticsHigh flexural and compressive strength	<ul style="list-style-type: none">Methacrylates, Photo-initiator, Inhibitor and Pigment.	<div><div><div>1. Flexural Strength</div><div>2. Flexural Modulus</div><div>3. Compressive Strength</div><div>4. Water sorption</div><div>5. Water solubility</div></div><div><div>≥ 170 MPa</div><div>≥ 4.2 GPa</div><div>≥ 150 Mpa</div><div>3 - 4.5µg/mm³</div><div>0.5 - 1.8µg/ mm³</div></div></div> <div><div>ISO 4049</div><div>Viscosity</div><div>2000 - 3800 mPa.s</div></div>



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C&B Ceramic

Nano Ceramic Filled material for High Flexural & Compressive strength

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

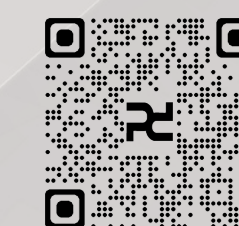
The material is designed to print at 50 micron to 100 micron using LCD/DLP printers.

Available in A1, A2, A3, B1, B3, C2, and D3.

Presentation: Ref : 18007 : 1 x 500g Bottle

Ref : 18008 : 1 x 1000g Bottle

Indications	Benefits	Chemistry	Technical Data	
<ul style="list-style-type: none">It is used for the fabrications of 3D printing of permanent crown inlays, onlays and veneers.	<ul style="list-style-type: none">Low water absorption tendency reduces tendency to age and discolorationSmooth surface so low plaque accumulationLow cold and heat sensitivityFluorescence resembles natural teethExcellent aestheticsHigh flexural and compressive strengthRadiopaque for clear visibility of restorations on radiographs	<ul style="list-style-type: none">Methacrylates, Photo-initiator, Inhibitor, Pigment and fillers..	<div><div>1. Flexural Strength</div><div>2. Flexural Modulus</div><div>3. Compressive strength</div><div>4. Water sorption</div><div>5. Water Solubility</div></div>	<div><div>2190 Mpa</div><div>24.2 GPa</div><div>2320 Mpa</div><div>3-4.5 ug/mm3</div><div>0.5-1.8 ug/mm3</div></div>



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Model

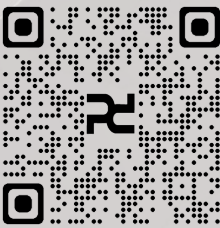
3D Print High-Contrast Dental Models

Prevest Model is a way forward in 3D printing 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 and more heat resistance. The material is ideal for prosthodontic and orthodontic models where high precision is required. The material is designed to print at 50 micron & 100 micron using LCD/DLP/SLA printers.

Available in Grey Colour

Presentation: Ref : 18001 : 1 x 500g Bottle
Ref : 18002 : 1 x 1000g Bottle

Indications	Benefits	Chemistry	Technical Data
<ul style="list-style-type: none">It is used for fabrication of 3D crown and bridge models, orthodontic models, diagnostic models and implant analog models.	<ul style="list-style-type: none">High Flexural strength and modulusFast printing speedEasy to separate from thermoforming materialsColor contrast models for maximum visibility of small details	<ul style="list-style-type: none">Methacrylates, Photo-initiator, Inhibitor and Pigment.	<div>1) Flexural Strength ≥ 125 MPa</div> <div>2) Flexural Modulus ≥ 3.0 Gpa</div> <div>ASTM D790-15 (Method-B)</div> <div>Viscosity 500 - 600 mPa.s</div> <div>Heat stability upto 130°C</div>



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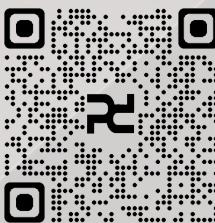
Surgical Guide

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 after printing. The material is designed to print at 50 micron & 100 micron using LCD/DLP/SLA printers.

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

Indications	Benefits	Chemistry	Technical Data
<ul style="list-style-type: none">It is a photopolymer resin used for 3D printing dental surgical guides to aid in dental implant placement procedure.	<ul style="list-style-type: none">AutoclavableEasy chemical disinfectionFast printingClear and nice aesthetic appearanceHigh flexural strength	<ul style="list-style-type: none">Methacrylates, Photo-initiator, Inhibitor and Pigment.	<div>1. Flexural Strength ≥110 Mpa</div> <div>2. Flexural Modulus ≥2.5 GPa</div> <div>ASTM D790-15 (Method-B)</div> <div>Viscosity 310 - 380 mPa.s</div>



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Denture

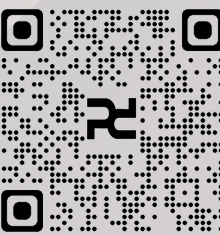
Biocompatible Photopolymer Resin for Denture Bases

Prevest Denture 3D Resin material is a 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 50 micron and 100 micron using LCD/DLP & SLA printers.
Available in Pink color.

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

Indications	Benefits	Chemistry	Technical Data	
<ul style="list-style-type: none">It is indicated for the fabrication of removable full and partial dentures and base plates	<ul style="list-style-type: none">Semi-Translucent, Pink Base shadesStrong and Wear-ResistantRepeatable and Reliable	<ul style="list-style-type: none">Methacrylates, Photo-initiator and Pigments.	<div><div>1. Flexural Strength</div><div>2. Flexural Modulus</div><div>3. Water sorption</div><div>4. Water solubility</div></div>	<div><div>≥ 65 MPa</div><div>≥ 2000 MPa</div><div>≤ 35 µg/mm³</div><div>≤ 3.0 µg/ mm³</div></div>

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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 50 micron and 100 micron using LCD/DLP& SLA printers.
Available in Red color.

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

Indications	Benefits	Chemistry	Technical Data	
<ul style="list-style-type: none">It is used for 3D printing of burn out frames in Casting of partial dentures, crowns and bridges, inlays, onlays and veneers.	<ul style="list-style-type: none">Easy to work and accurateSuitable for casting copings, substructures, crowns, and moreBurns clean with no residue left after burnout	<ul style="list-style-type: none">Functional (Meth)acrylic resins, Photoinitiators and Pigments	1. Flexural Strength 2. Flexural Modulus 3. Residual Ash Content	≥ 60 MPa ≥ 1500 MPa ≥ 0.1%



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High Performance 3D Resins



C&B Interim



C&B Permanent



C&B Ceramic



Cast/Models



Surgical Guide



Denture



Burn Out

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