PREVESTDenPro®
THE FUTURE OF DENTISTRY

3D DENTAL RESINS

- Exceptional Quality
- High Accuracy
- Biocompatible

CE ISO 13485:2016

Prevest 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 specialty 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 : Vita shades, Bleach & Extra bleach.

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

Indications	Benefits	Chemistry	Technical Data
• It is used for 3D printing of temporary crown and bridge restorations, inlays, onlays and veneers.	• Low water absorption tendency reduces tendency to age 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.	1. Flexural Strength >120MPa 2. Flexural Modulus >4.0 Gpa 3. Compressive Strength 150 MPa 4. Water sorption 3 - 4.5µg/mm³ 5. Water solubility 0.5 - 1.8µg/ mm³ **ISO 4049** Viscosity 1500-2000 mPa.s

Scan for

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

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Prevest 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 : Vita shades, Bleach & Extra bleach.

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

Indications	Benefits	Chemistry	Technical Data
• It is used for the fabrications of 3D printing of permanent crown inlays, onlays and veneers.	• Low water absorption tendency reduces tendency to age 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.	1. Flexural Strength ≥ 140MPa 2. Flexural Modulus ≥ 4.2 GPa 3. Compressive Strength ≥250MPa 4. Water sorption 3 - 4.5µg/mm³ 5. Water solubility 0.5 - 1.8µg/ mm³ **ISO 4049** Viscosity 2000 - 3800 mPa.s

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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 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 shades : Vita shades, Bleach & Extra bleach.

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

Indications	Benefits	Chemistry	Technical Data
• It is used for the fabrications of 3D printing of permanent crown inlays, onlays and veneers.	• Low water absorption tendency reduces tendency to age 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 restorations on radiographs	• Methacrylates, Photo-initiator, Inhibitor, Pigment and fillers..	1. Flexural Strength ≥190 Mpa 2. Flexural Modulus ≥4.2 GPa 3. Compressive strength ≥320 Mpa 4. Water sorption 3-4.5 ug/mm3 5. Water Solubility 0.5-1.8 ug/mm3

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Prevest 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 Color

Presentation: 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 • Easy to separate from thermoforming materials • Color contrast models for maximum visibility of small details	• Methacrylates, Photo-initiator, Inhibitor and Pigment.	1) Flexural Strength ≥55MPa 2) Flexural Modulus ≥2.5MPa **ASTM D790-15 (Method-B)** Viscosity 500 - 600 mPa.s Heat stability upto 130°C

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Prevest Model Pro

3D Printing Resin for Fabrication of Thermostable Models

Prevest Model Pro resin is a light-curing material for the 3D printing of dental prosthodontic and orthodontic models for use in LCD, DLPand SLA 3D printers as reactive to wavelength of light between 385nm and 405nm.

Available in Grey Color

Presentation: 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 models 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.	1) Flexural Strength ≥55MPa 2) Flexural Modulus ≥2.5MPa **ASTM D790-15 (Method-B)** Viscosity 500 - 600 mPa.s Heat stability upto 130°C

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

Available in clear transparent appearance.

Presentation: 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 dental surgical guides to aid in dental implant placement procedure.	• Autoclavable • Easy chemical disinfection • Fast printing • Clear and nice aesthetic appearance • High flexural strength	• Methacrylates, Photo-initiator, Inhibitor and Pigment.	1. Flexural Strength ≥70MPa 2. Flexural Modulus ≥2.0MPa ASTM D790-15 (Method-B) Viscosity 310 - 380 mPa.s

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Prevest 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
• It is indicated for the fabrication of removable full and partial dentures and base plates	• Semi-Translucent, Pink Base shades • Strong and Wear-Resistant • Repeatable and Reliable	• Methacrylates, Photo-initiator and Pigments.	1. Flexural Strength ≥ 65 MPa 2. Flexural Modulus ≥ 2000 MPa 3. Water sorption ≤ 35 µg/mm³ 4. Water solubility ≤ 3.0 µg/ mm³

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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 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
• 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 and accurate • Suitable for casting copings, substructures, crowns, and more • Burns clean with no residue left after burnout	• Functional (Meth)acrylic resins, Photoinitiators and Pigments	1. Flexural Strength ≥ 60 MPa 2. Flexural Modulus ≥ 1500 MPa 3. Residual Ash Content ≤ 0.1%

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High Performance 3D Resins

Prevest C&B, Interim

Prevest C&B, Permanent

Prevest C&B, Ceramic

Prevest Model

Prevest Model Pro

Prevest Surgical Guide

Prevest Denture

Prevest Burn Out

PREVEST DENPRO LIMITED
Unit ll, Export Promotion Industrial Park (EPIP),
Bari Brahmana, Jammu-181133, India

+ 91 191 350 6858, 60, 61
+ 91 8899074151

www.prevestdenpro.com
info@prevestdenpro.com

● EU MDR 2017/745 ● ISO 13485:2016 ● CE MDSAP MEDICAL DEVICE SINGLE AUDIT PROGRAM