

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.

Indications

- It is used for 3D printing of temporary crown and bridge restorations, inlays, onlays and veneers.

Benefits

- 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

Chemistry

Methacrylates, Photo-initiator, Inhibitor and Pigment.

Technical Data

1. Flexural Strength	≥140 MPa
2. Flexural Modulus	≥4.0 GPa
3. Compressive Strength	150 MPa
4. Water sorption	3 - 4.5µg/mm ³
5. Water solubility	0.5 - 1.8µg/ mm ³

ISO 4049

Viscosity 1500-2000 mPa.s



Presentation

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

PREVEST DENPRO LIMITED

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

Tel.: + 91 191 350 6858, 60, 61
Tel.: + 91 8899074151

E-mail : info@prevestdenpro.com
Website : www.prevestdenpro.com

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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.

Indications

- It is used for the fabrications of 3D printing of permanent crown inlays, onlays and veneers.

Benefits

- 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

Chemistry

Methacrylates, Photo-initiator, Inhibitor and Pigment.

Technical Data

1. Flexural Strength	≥170 MPa
2. Flexural Modulus	≥4.2 GPa
3. Compressive Strength	≥150 Mpa
4. Water sorption	3 - 4.5µg/mm ³
5. Water solubility	0.5 - 1.8µg/ mm ³

ISO 4049

Viscosity 2000 - 3800 mPa.s



Presentation

Ref : 18007 : 1 x 500g Bottle

Ref : 18008 : 1 x 1000g Bottle

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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 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 : A1, A2, A3, B1, B3, C2, and D3.

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CAST/MODELS

3D Print High-Contrast Dental Models

Prevest Cast/Models 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

Indications

- It is used for fabrication of 3D crown and bridge models, orthodontic models, diagnostic models and implant analog models.

Benefits

- High Flexural strength and modulus
- Fast printing speed
- Easy to separate from thermoforming materials
- Color contrast models for maximum visibility of small details

Chemistry

Methacrylates, Photo-initiator, Inhibitor and Pigment.

Technical Data

- | | |
|----------------------|-----------|
| 1) Flexural Strength | ≥ 125 MPa |
| 2) Flexural Modulus | ≥ 3.0 Gpa |

ASTM D790-15 (Method-B)

Viscosity	500 - 600 mPa.s
Heat stability	upto 130°C



Presentation

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

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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.

Indications

- It is a photopolymer resin used for 3D printing dental surgical guides to aid in dental implant placement procedure.

Benefits

- Autoclavable
- Easy chemical disinfection
- Fast printing
- Clear and nice aesthetic appearance
- High flexural strength

Chemistry

Methacrylates, Photo-initiator, Inhibitor and Pigment.

Technical Data

- | | |
|----------------------|----------|
| 1. Flexural Strength | ≥110 Mpa |
| 2. Flexural Modulus | ≥2.5 GPa |

ASTM D790-15 (Method-B)

Viscosity	310 - 380 mPa.s
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Presentation

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

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SURGICAL GUIDE

3D Print precise clear Guides



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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.

Indications

- It is indicated for the fabrication of removable full and partial dentures and base plates

Benefits

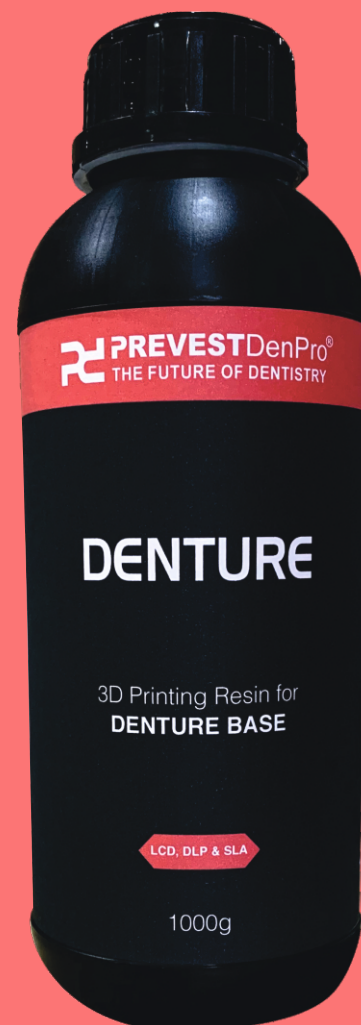
- Semi-Translucent, Pink Base shades
- Strong and Wear-Resistant
- Repeatable and Reliable

Chemistry

- Methacrylate, Photo-initiators and Pigments

Technical Data

1. Flexural Strength	≥ 65 MPa
2. Flexural Modulus	≥ 2000 MPa
3. Water sorption	≤ 35 µg/mm ³
4. Water solubility	≤ 3.0 µg/mm ³



Presentation

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

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The material is designed to print at 50 micron and 100 micron using LCD/DLP & SLA printers.
Available in Pink color.

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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.

Indications

- It is used for 3D printing of burn out frames in Casting of partial dentures, crowns and bridges, inlays, onlays and veneers.

Benefits

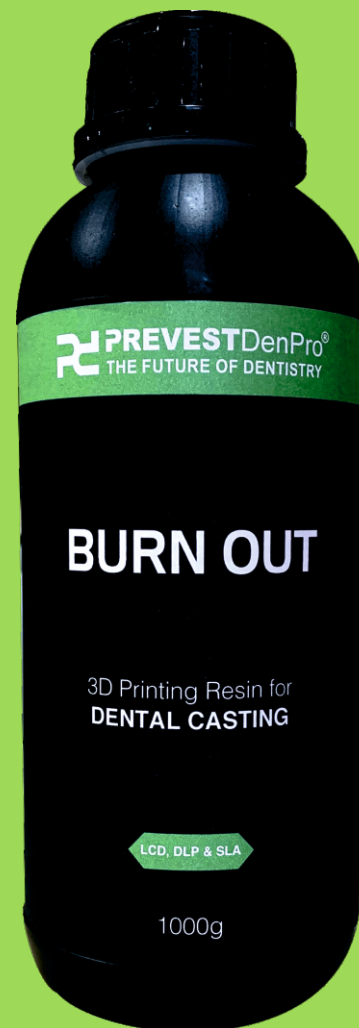
- Easy to work and accurate
- Suitable for casting copings, substructures, crowns, and more
- Burns clean with no residue left after burnout

Chemistry

- Functional (Meth)acrylic resins, Photoinitiators and Pigments

Technical Data

- | | |
|-------------------------|------------|
| 1. Flexural Strength | ≥ 60 MPa |
| 2. Flexural Modulus | ≥ 1500 MPa |
| 3. Residual Ash Content | ≤ 0.1% |



Presentation

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

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