



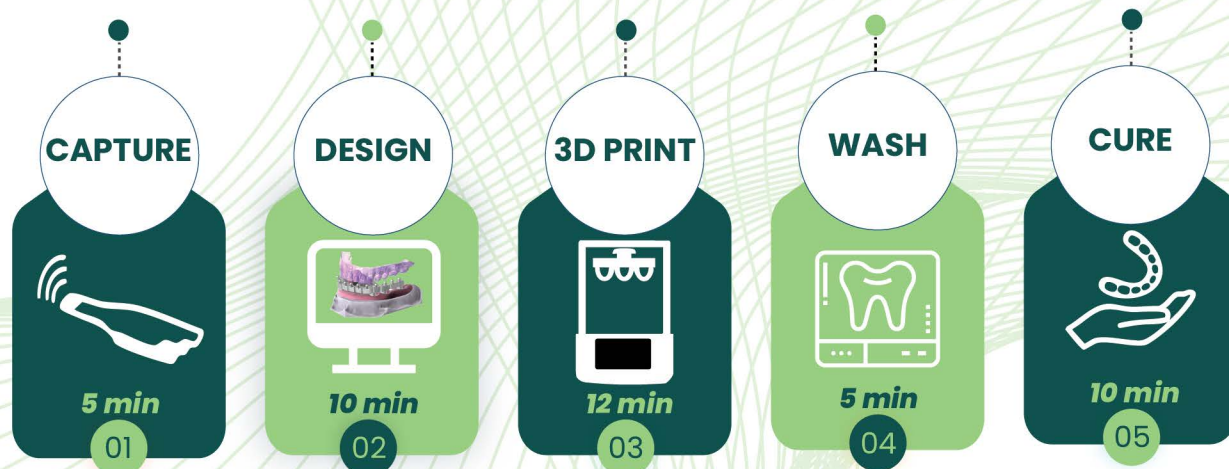
PROFESSIONAL DENTAL 3D PRINTING MATERIALS for Digital Dentistry!



DentaFab

SEAMLESS AND FAST WORKFLOW

New technological developments, especially artificial intelligence, are changing all workflows. Adapting to technology has become inevitable. Digital dentistry applications work faster and more smoothly than traditional methods. As DentaFab, we offer you technological tools that you can use to speed up your work.



Fast Crown
Workflow



ALL WORKFLOW

42

MINUTES

THE FASTEST DLP PRINTER

IS NOW EVEN FASTER!

SEGA PRO

Discover the new Dental 3D Printer with 385nm precision curing, a revamped build plate, and a durable long-term tank—engineered for the demands of dental labs and clinics.

Technical Specification

Printing Technology	DLP
Print Speed	90 mm/hour at 50 micron
Printer Control	7" Touch-Screen
Print Volume	12 cm x 6,8 cm x 9 cm
Projector	385nm
Printer Dimensions	32,5 x 32,5 x 56 cm
Z Layer Thickness	150 / 100 / 50 / 25 micron
Connectivity	5GHz Wi-Fi - USB Drive
XY Resolution	62 micron
Box weight	41 kg
Power Requirement	180-230V AC; 50/60Hz.; 350W
Machine Weight	22 kg - 48 lbs





PERMANENT CROWN RESIN

High-Filled Permanent Crown Resin (Inorganic Filler)

PowerResins Permanent Crown Resin is a special 3D printing resin developed for long-term use in dental applications, specifically for the production of permanent crowns and bridges. It is biocompatible and provides excellent dimensional stability, making it ideal for permanent restorations. Compatible with all types of DLP/LCD 3D printers. The curing speed may vary depending on the printer used.

Color: A1,A2,A3,B1,B2,C1,BL

- Contains ultra-high (>50%) inorganic filler content
- Biocompatible
- Exceptional fracture and wear resistance
- Suitable for long-term intraoral use
- Can be characterized using composite materials



BIOCOMPATIBLE

Biocompatible and safe to use in mouth. Produced from biocompatible raw material used in dental applications.



HIGH WEAR RESISTANCE

Having 160 Mpa high flexural strength, standard ISO 178 : 2003



NATURAL COLOR

Allows you to work easily with skin color and contains no pigment solution



HIGHLY FILLED

Contains more than 50% inorganic filler.

Flexural strength >160 MPa
Flexural modulus >9000 MPa
Shore hardness >93 D

Density 1,5 – 1,9 g/cm³@23°C
Viscosity 600 – 1500 mPa.s
(Anton Paar L3 Spindle 23 °C)



2292



>130
mpa



C&B CERAMIC RESIN

PowerResins Crown & Bridge CERAMIC Resin has high ceramic content in its special biocompatible formulation that will revolutionize the world of dentistry. It's compatible with composite materials for characterization and glazing your crown & bridges. The entire production process takes less than 45 minutes from design to print to delivery on the same day of crown & bridge restorations. Increase your patient satisfaction and save time!

Color: A1,A2,A3,B1,BL

Physical Appearance: Opaque

- Nanohybrid high ceramic-filled resin
- Biocompatible
- No water absorption long-term color stability
- Can be characterized by composite materials
- Available Shades A1, A2, A3, B1, B2, C1, BL1
- Exceptional breakage and high wear resistance



BIOCOMPATIBLE

Biocompatible and safe to use in mouth. Produced from biocompatible raw material used in dental applications.



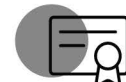
HIGH WEAR RESISTANCE

Having 130 Mpa high flexural strength, standard ISO 178 : 2003



NATURAL COLOR

Allows you to work more easily with skin color and contains no pigment solution



CERTIFIED PRODUCT

Its reliability has been confirmed by CE certification

Flexural strength >130 MPa

Flexural modulus 5000 MPa

Shore hardness >93 D

Density

1.3 g/cm³ at 23°C

Viscosity

4500 -5500 mPa.s





>125
mpa

C-TEMP RESIN

High Strenght Temporary Crown and Bridges Redefined for Digital Dentistry!

PowerResins C-TEMP resin is a composite ceramic-based Temporary Crown and Bridge resin. Having 130 Mpa high flexural strength, stain-free, abrasion resistant and natural aesthetic formulation to apply same-day chairside digital crowns and bridges as well as good for inlay, onlay, and overlay applications.

Color: Light (A1,B1) and Medium (A2, A3), Bleach

- A1,A2, A3, B1, B1Shades
- Biocompatible, MDR-Compliant Material
- Exceptional breakage and high wear resistance
- High flexural strength
- Can be characterized with composite materials



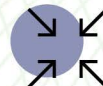
BIOCOMPATIBLE

Biocompatible and safe to use in mouth. Produced from biocompatible raw material used in dental applications.



HIGH WEAR RESISTANCE

Having 130 Mpa high flexural strength, standard ISO 178 : 2003



LOW SHRINKAGE

This resin has low shrinkage and will not change shape after post-curing



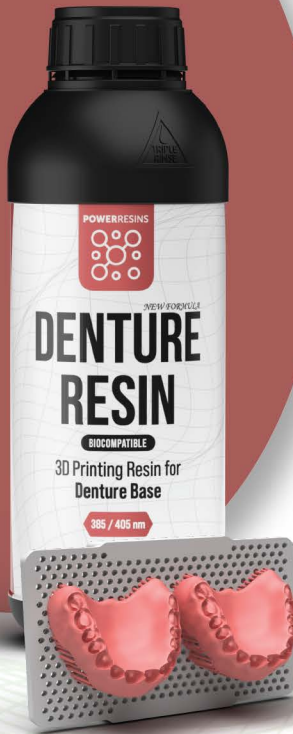
CERTIFIED PRODUCT

Its reliability has been confirmed by CE certification

Flexural strength >130 MPa
Flexural module 3500 MPa
Shore Hardness >82 D

Density 1.1 g/cm³ at 23°C
Viscosity 3000 - 4000 mPa.s





DENTURE RESIN

PowerResins DENTURE is specifically engineered for high-impact, durable, aesthetically natural solutions for 3D-printed digital removable dentures. This advanced biocompatible resin offers straightforward post-processing and easy characterization features.

Color: Opaque Pink

- Exceptional durability and fracture resistance
- Precise fit and adaptation
- Aesthetic appearance
- Resistant to oral conditions
- The material is easy to polish and can be painted with any composite painting kit.



BIOCOMPATIBLE

Biocompatible and safe to use in mouth. Produced from biocompatible raw material used in dental applications.



MAXIMUM MECHANICAL FLEXURAL

Displays maximum mechanical flexural and tensile strength without becoming brittle



GOOD COLOR & CLARITY

Allows you to work more easily with skin color and contains no pigment solution



CERTIFIED PRODUCT

Its reliability has been confirmed by CE certification

Flexural strength	>130 MPa
Flexural module	5000 MPa
Shore Hardness	>93 D

Density	1.1 g/cm ³ at 23°C
Viscosity	2000 - 3000 mPa.s





NIGHT GUARD RESIN

PowerResins NIGHT GUARD Resin is a specially formulated, high-impact resin for 3D printing occlusal guards. It delivers exceptional accuracy and comfort for custom-fit night guards, helping to prevent parafunctional activities such as teeth clenching and grinding associated with bruxism and temporomandibular joint disorders. This resin not only protects the teeth and jaw joints but also contributes to alleviating symptoms.

Color: Transparent Violet

- Biocompatible, MDR-compliant material
- Easy to post-process and polish
- Formulated for strength and resilience
- Odorless and Tasteless
- Transparent
- Non-Shrinking Formula
- Impact Resistance



BIOCOMPATIBLE

Biocompatible and safe to use in mouth. Produced from biocompatible raw material used in dental applications.



PRESSURE RESISTANT

Resist to high pressure, suitable for surgical guide during dental implant surgery



SAFE & NOT SMELLY

Safe to handle. Does not contain any hazardous solvent or dangerous monomer.

Flexural strength >110 MPa
Flexural modulus 2900 MPa
Shore hardness >65 D

Density 1.1 g/cm³ at 23°C
Viscosity 500-1000 mPa.s





MODEL RESIN

PowerResins Dental Model Resin is a special 3D printer resin for dental model printing. It was developed to have high dimensional stability and a special texture for dental model operations. PowerResins Dental Model Resin can be used in all types of DLP/LCD 3D printers. It has a fast curing feature depending on the 3D printer used.

Color: Gray, Pink

- High dimensional accuracy
- No shrinkage
- Easy to be carved like stone models
- High detailed prints
- Compatible for thermoforming orthodontic applications



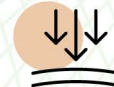
SMOOTH SURFACE

Print any models with perfect smooth quality and accuracy



VACUUM FORMING

High accuracy and pressure resistant for vacuum forming of aligners.



PRESSURE RESISTANT

Resist to high pressure and enables producing aligners with vacuum forming.



ACCURATE

Provide accurate print with details and can be printed below 10 micron and providing 0.1 mm thickness.

Tensile strength	26.2 MPa
Flexural strength	>90 MPa
Flexural module	2640 MPa

Shore hardness	>70D
Density	1.1 g/cm ³ at 23°C
Viscosity	200 - 300 mPa.s (Anton Paar L3 Spindle 23 °C)



SURGICAL GUIDE RESIN

PowerResins SURGICAL GUIDE resin is a clear and rigid surgical guide resin perfectly formulated for guided implant surgeries. 3D printing with exceptional mechanical properties provides you with the best full arch multi-unit implant guides cost-effectively. Perfectly can be used as gingivectomy guides and bone reduction guides.

Color: Transparent

- Biocompatible, mdr-compliant material
- High flexural strength and modulus-guided surgeries
- Transparent, Odorless and Tasteless
- Can be sterilized via autoclave at standard protocols
- High dimensional accuracy and mechanical strength



BIOCOMPATIBLE

Biocompatible and safe to use in mouth. Produced from biocompatible raw material used in dental applications.



PRECISION DRILLING

It has been specially developed for performing precise surgical implant procedures.



PRESSURE RESISTANT

Resist to high pressure, suitable for surgical guide during dental implant surgery



CERTIFIED PRODUCT

Its reliability has been confirmed by CE Class 1 certification.

Flexural strength	>100 MPa
Flexural module	2800 MPa
Shore Hardness	>80 D

Density	1.1 g/cm ³ at 23°C
Viscosity	250 - 350 mPa.s



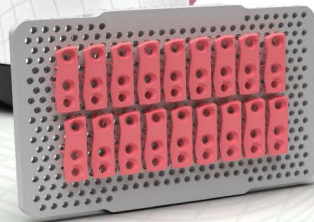


GINGIVA RESIN

PowerResins Gingiva resin is a flexible and high tear-resistance gingival mask resin to replicates patients' natural gingival appearance for implant cases. It offers a natural gingival color. Gingiva prints can be easily trimmed to reach optimal fitting for implant applications.

Color: Pink

- Tear-Resistance Gingival Masks
- Odorless
- Flexible and Easy To Trim



TEAR-RESISTANCE

Gingiva prints can be easily trimmed to reach optimal fitting for the implant models.



FLEXIBLE RESIN

It is produced to imitate the gingiva with its flexible structure



NATURAL COLOR

Allows you to work more easily with skin color and contains no pigment solution



SAFE & NOT SMELLY

Safe to handle. Does not contain any hazardous solvent or dangerous monomer.

Tensile strength 2.2 MPa

Flexural strength >1.1 MPa

Elongation at break 24,5 %

Shore Hardness >81 A

Density 1.1 g/cm³ @ 23°C

Viscosity 1000 – 1500 mPa.s at 23°C



MOCK-UP RESIN

Perfect for Digital Denture Try-Ins!

PowerResins MOCK-UP Resin is a biocompatible 3D printing resin specifically designed for Try-In to Digital Dentures to achieve the best fitting and aesthetic digital denture deliveries. Provides you with a cost-effective solution before delivering the final removable full or partial digital dentures. Ensures stability and reliability and minimizes adjustments.

Color: Light (A1,B1) and Medium (A2, A3), Bleach

- Biocompatible, MDR-compliant Material
- Easily can be carved and characterized for accurate try-ins
- No Shrinkage
- An economical and fast trial solution
- An ideal option for pre-evaluation and fitting before the final prosthesis
- Despite its strength, it exhibits controlled fragility under stress during application, making misfits clearly visible and enabling easy correction and workability on the spot



BIOCOMPATIBLE

Biocompatible and safe to use in mouth. Produced from biocompatible raw material used in dental applications.



LOW SHRINKAGE

This resin has low shrinkage and will not change shape after post-curing



NATURAL COLOR

Allows you to work more easily with skin color and contains no pigment solution



CONTROLLED FRAGILITY EASY WORKABILITY

Controlled fragility allows for easy adjustment and intervention.

Flexural strength >110 MPa
Flexural modulus 4500 MPa
Shore hardness >85 D

Density 1.1 g/cm³ at 23°C
Viscosity 3500-4500 mPa.s





RAPID MODEL RESIN

PowerResins RAPID MODEL resin features an exceptional fast-curing formulation for dental model applications. Offers a great dimensional accuracy and reduced shrinkage rate. Easy to process thermoforming application to produce clear aligners for orthodontic models. You can produce wax-up models, analog models, die models, and much more.

Color: Cosmic Latte

- High detailed fast model prints with lcd printers
- Thermoforming models for orthodontic applications
- No Shrinkage
- High flexural strength



SMOOTH SURFACE

Print any models with perfect smooth quality and accuracy



VACUUM FORMING

High accuracy and pressure resistant for vacuum forming of aligners.



LOW SHRINKAGE

This resin has low shrinkage and will not change shape after post-curing



ACCURATE

Provide accurate print with details and can be printed below 10 micron and providing 0.1 mm thickness.

Flexural strength	>90 MPa
Flexural modulus	2640 MPa
Shore hardness	>70 D

Density	1.1 g/cm ³ at 23°C
Viscosity	200-300 mPa.s (Anton Paar L3 Spindle 23 °C)



BURN-2 RESIN

PowerResins BURN 2 resin is reformulated as %100 ash-free castable resin for excellent quality speed burnout for dental direct metal partial frameworks, chrome-cobalt casting as well as excellent for E-max press applications for inlay, onlay and overlay, laminate and veneer models. You will not face any investment cracks or expansion during your casting process and can be used with any dental investment/gypsum brand.

Color: Green

- %100 Ash-Free Burnout Process
- Smooth Surface Finish
- Can be Used for Empress(e-max) Applications
- Less Shrinkage
- No Expansion During Casting



100% ASH-FREE CASTABLE

Specially made for direct casting. Evaporates with heat leaving no ash.



EASY TO CAST

Easy to cast with investments such as Sherafine, Polyvest, Siladent, Bego, Nanovest or others



E-MAX PRESS

Suitable for Emax press using any investment



PERFECT METAL CASTING

Easily do metal casting without damaging the investment

Flexural strength	>10 MPa
Flexural module	258 MPa
Shore Hardness	>70.5 D

Density	1.1 g/cm ³ at 23°C
Viscosity	600 - 700 mPa.s (Anton Paar L3 Spindle 23 °C)

Coming Soon



CLEAR SMILE RESIN

PowerResins Clear Smile Resin is a 3D printer resin specially developed for non-therapeutic applications in the mouth. PowerResins Clear Smile Resin can be used for all types of DLP/LCD 3D printers. It has a fast curing feature depending on the 3D printer used.

Color: Clear

- Biocompatible
- Having memory shape and flexibility
- Non shrinking formula
- Impact and fracture resistance
- Transparent, odorless and tasteless



BIOCOMPATIBLE

Biocompatible and safe to use in mouth. Produced from biocompatible raw material used in dental applications.



MEMORY SHAPE

With its unique structure that returns to its original shape through thermal interaction, it resists temporary deformations and provides excellent post-print adaptation.



SAFE & NOT SMELLY

Safe to handle. Does not contain any hazardous solvent or dangerous monomer.

Flexural strength	>100 MPa
Flexural modulus	2800 MPa
Shore hardness	>80 D

Density	1.1 g/cm ³ at 23°C
Viscosity	1000-2000 mPa.s



Bio Resin Cleaner

Cleaning Concentrate for High Filler Biocompatible 3D Printed Resin



Non-Flammable



Biodegradable



No Chalky Effect



Biocompatible Resin Safe



PowerResins Bio Resin Cleaner is used to remove uncured resin residues from photopolymer prints produced by 3D printers.

PowerResins Bio Resin Cleaner is compatible with all types of DLP/LCD curing 3D printers.

The concentrate ratio is fixed — use 170 mL per 1 liter of solution.



Prepare a 17% solution by mixing with 83% water.

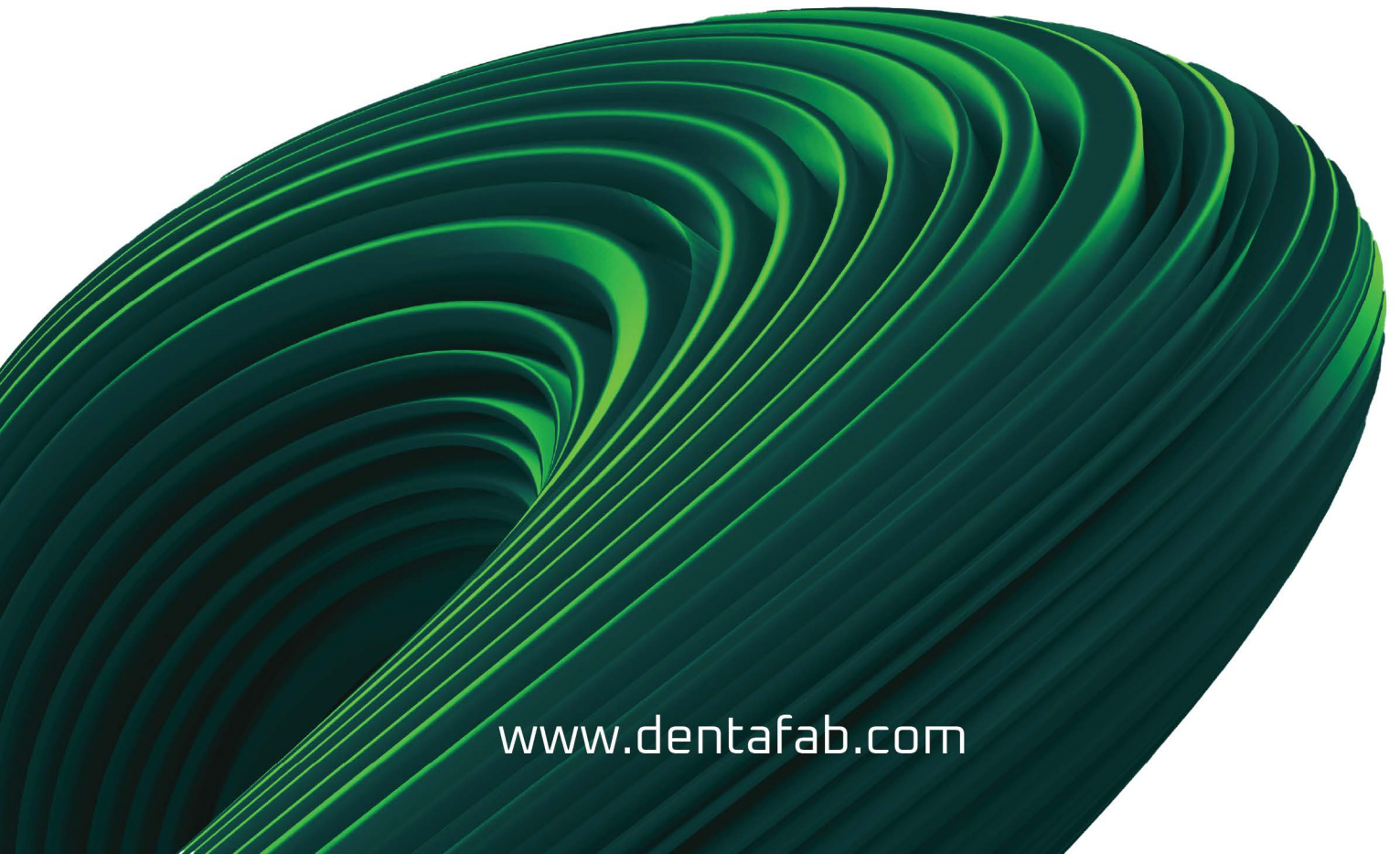
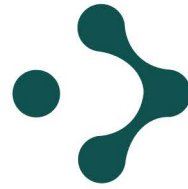


Shake for 15 seconds.

Compatible 3D Printers with Power Resins for Dental

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DentaFab



www.dentafab.com



POWER RESINS
powerresins.com

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