DENTAL

EVER X-FLOW®

3D Printing Resin

Engineered for Every Indication.

Make Every Print Count.



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Model Resin

This model resin delivers excellent printing accuracy and is suitable for producing dental restorative master models and detailed orthodontic models. With its optimal color and opacity, it produces models with well-defined contours and fine details, while providing excellent surface properties for scanning. It offers a reliable model base for the design and fabrication of a wide range of dental restorations and appliances.



Key Performance Benefits

- Tear and wear resistance
- Excellent pressure resistance
- Fast curing
- Low shrinkage
- Excellent Dimensional Accuracy
- Excellent detail reproduction

Specifications

Shades : Gray, Almond, Light Yellow

Net Weight : 1000 g / bottle , 500 g / bottle

Technical Data

Physical Properties		
Viscosity	180-380 mPa·s	
Suitable Wavelength	385nm/ 405nm	

Properties	Value	Test Standard
Hardness	82-85 (Shore D)	ASTM D2240
Tensile Strength	40-50 MPa	ASTM D638
Elongation at Break	8-13 %	ASTM D638
Flexural Modulus	2000-2400 MPa	ASTM D790
Flexural Strength	68-80 MPa	ASTM D790

Temporary Crown & Bridge Resin

Temporary Crown & Bridge Resin is designed for the fabrication of temporary crowns and bridges. It combines reliable mechanical strength, fracture resis-tance, wear resistance, and low water absorption. Available in multiple tooth shades, the material can be polished to achieve a smooth surface with nat-ural tooth-like color and luster.



Key Performance Benefits

- Reliable Mechanical Strength
- Good Wear Resistance
- Natural Tooth-Like Aesthetics

Specifications

Shades : A1, A2, A3, BL1 **Net Weight :** 1000 g / bottle , 500 g / bottle

Technical Data

Physical Properties		
Viscosity	350-400 mPa·s	
Suitable Wavelength	385nm/ 405nm	
Properties	**Value**	**Test Standard**
Hardness	80-90 （Shore D）	ASTM D2240
Tensile Strength	65 MPa	ASTM D638
Elongation at Break	10-15 %	ASTM D638
Flexural Modulus	2000-3000 MPa	ASTM D790
Flexural Strength	100-140 MPa	ASTM D790

Surgical Guide Resin

Surgical Guide Resin is a high-precision 3D printing material developed for the fabrication of implant surgical guides, gingivectomy guides, orthodontic bracket bonding guides, and bone reduction guides. It offers high transparency, mechanical strength, and dimensional stability. Printed parts feature a smooth surface, resist warping and maintain their accuracy after steam sterilization.



Key Performance Benefits

- Resists warping and deformation
- Good mechanical properties
- High transparency for clear observation of oral structures
- High stability and strength
- Biocompatible

Specifications

Shade : Translucent white

Net Weight : 1000 g / bottle , 500 g / bottle

Technical Data

Physical Properties		
Viscosity	300-450 mPa·s	
Suitable Wavelength	385nm/ 405nm	
Properties	**Value**	**Test Standard**
Hardness	80-82 （Shore D）	ASTM D2240
Tensile Strength	40-50 MPa	ASTM D638
Elongation at Break	10-20 %	ASTM D638
Flexural Modulus	1200-2200 MPa	ASTM D790
Flexural Strength	80-90 MPa	ASTM D790

Castable Wax Resin

This castable photopolymer resin is designed for dental investment casting applications, including crowns, removable partial denture frameworks, and other cast dental restorations. It delivers fine detail reproduction, a smooth surface finish, and excellent dimensional stability. Its clean burnout and low ash residue support accurate and consistent casting results.



Key Performance Benefits

- Fine Detail Reproduction
- Excellent Dimensional Stability
- Clean Burnout with Low Ash Residue

Specifications

Shades : Green **Net Weight :** 1000 g / bottle , 500 g / bottle

Technical Data

Physical Properties		
Viscosity	350 mPa·s	
Suitable Wavelength	385nm/ 405nm	
Properties	**Value**	**Test Standard**
Hardness	60-68 (Shore D)	ASTM D2240
Tensile Strength	10-15 MPa	ASTM D638
Elongation at Break	10-20 %	ASTM D638
Flexural Modulus	450-680 MPa	ASTM D790
Flexural Strength	20-30 MPa	ASTM D790

Water-Washable Ortho Model Resin

Water-Washable Ortho Model Resin is a high-precision, rigid material developed for orthodontic diagnosis, treatment planning, and study model fabrication. It delivers fine detail reproduction, high surface hardness, and excellent dimensional and edge stability.



Key Performance Benefits

- High-Precision Detail Reproduction
- High Surface Hardness
- Excellent Dimensional Stability

Specifications

Shades : Apricot, Light Yellow, Gray

Net Weight : 1000 g / bottle , 500 g / bottle

Technical Data

Physical Properties		
Viscosity	180-380 mPa·s	
Suitable Wavelength	385nm/ 405nm	
Properties	**Value**	**Test Standard**
Hardness	85-90 (Shore D)	ASTM D2240
Tensile Strength	40-50 MPa	ASTM D638
Elongation at Break	10-15 %	ASTM D638
Flexural Modulus	1500-2100 MPa	ASTM D790
Flexural Strength	70-90 MPa	ASTM D790

Permanent Crown & Bridge Resin

Our Permanent Crown & Bridge Resin combines high mechanical strength, biocompatibility, and precise marginal fit for durable restorations. Its wear resistance, color stability, and natural translucency deliver lasting aesthetics, while the smooth, easy-to-polish surface supports efficient digital dental workflows.



Key Performance Benefits

Long-Term Durability
High mechanical strength and wear resistance help withstand daily chewing forces for long-lasting performance.

Natural Aesthetics
Reliable color stability and natural translucency create a lifelike appearance.

Precise Marginal Fit
Precise margin and detail reproduction, with a smooth, easy-to-polish surface for improved fit and efficient production.

Specifications

Shades: A1, A2, A3, BL **Net Weight :** 1000 g / bottle , 500 g / bottle

Technical Data

Physical Properties		
Viscosity	2500-6000 mPa·s	
Suitable Wavelength	385nm/ 405nm	

Properties	Value	Test Standard
Hardness	85-95 (Shore D)	ASTM D2240
Tensile Strength	80-90 MPa	ASTM D638
Elongation at Break	8-10 %	ASTM D638
Flexural Modulus	2500-3500 MPa	ASTM D790
Flexural Strength	130-150 MPa	ASTM D790

Gingival Resin

Gingival Resin is designed for producing flexible and realistic gingival models. It combines natural gingival shades and textures with good elasticity and tear resistance, enabling accurate reproduction of soft-tissue details. The printed material is easy to handle and maintains reliable dimensional stability.



Key Performance Benefits

- Superior elasticity
- Excellent tear resistance
- Low shrinkage, maintaining long-lasting flexibility
- Good dimensional stability

Specifications

Shades : Dark Red, Pink, Light Pink **Net Weight :** 1000 g / bottle , 500 g / bottle

Technical Data

Physical Properties		
Viscosity	210-500 mPa·s	
Suitable Wavelength	385nm/ 405nm	
Properties	**Value**	**Test Standard**
Hardness	50-55 （Shore D）	ASTM D2240
Tensile Strength	8-15 MPa	ASTM D412 C
Elongation at Break	300-400 %	ASTM D412 C
Tear Strength	15 kN/m	ASTM D624 C

Denture Base Resin

This 3D-printable denture base resin combines reliable mechanical performance with natural gingival aesthetics. Once cured, it presents a natural gingival shade and smooth surface while helping maintain color stability over time. Its low water absorption, fracture resistance, and dimensional stability support durable denture bases with an accurate and comfortable fit.



Key Performance Benefits

Natural Aesthetics
Reproduces natural gingival shades and textures for lifelike denture aesthetics.

Strength and Durability
Combines mechanical strength and fracture resistance to withstand daily functional loads.

Precise Fit
Low shrinkage and dimensional stability support an accurate and stable denture base fit.

Specifications

Shades : Dark Red, Pink, Light Pink

Net Weight : 1000 g / bottle , 500 g / bottle

Technical Data

Physical Properties		
Viscosity	200-800 mPa·s	
Suitable Wavelength	385nm/ 405nm	
Properties	**Value**	**Test Standard**
Hardness	80-85 （Shore D）	ASTM D2240
Tensile Strength	80-100 MPa	ASTM D638
Elongation at Break	25-30 %	ASTM D638
Flexural Modulus	2500-3500 MPa	ASTM D790
Flexural Strength	130-150 MPa	ASTM D790

Soft Splint Resin

Soft Splint Resin is a flexible, transparent 3D printing material developed for fabricating comfortable occlusal splints and night guards. It balances flexibility and strength, with low shrinkage and excellent dimensional stability for a precise, comfortable fit.



Key Performance Benefits

High Transparency
Crystal-clear appearance for easy verification of fit and occlusion.

Flexibility & Comfort
Soft, resilient texture ensures comfortable long-term wear.

Wear Resistance
Durable against nightly occlusal loads for long-lasting use.

Specifications

Shade : Transparent **Net Weight :** 1000 g / bottle , 500 g / bottle

Technical Data

Physical Properties		
Viscosity	600-800mPa·s	
Suitable Wavelength	385nm/ 405nm	

Properties	Value	Test Standard
Hardness	78-82 (Shore D)	ASTM D2240
Tensile Strength	50-60 MPa	ASTM D638
Elongation at Break	⩾110 %	ASTM D638
Flexural Modulus	1100-1400 MPa	ASTM D790
Flexural Strength	44-47 MPa	ASTM D790

Flexible Denture Resin

Flexible Denture Resin is designed for removable partial and full dentures, offering natural gingival translucency and a soft, flexible texture. Its elasticity, tear resistance, and fracture resistance support comfortable wear and reliable long-term use. The material combines durability with natural aesthetics for flexible denture fabrication.



Key Performance Benefits

Natural Gingival Aesthetics
Natural gingival shades and translucency create a lifelike appearance.

Strength and Durability
Good tear and fracture resistance support reliable everyday use.

Flexible Comfort
Biomimetic elasticity supports an adaptive fit and comfortable wear.

Specifications

Shades : Dark Red, Pink, Light Pink **Net Weight :** 1000 g / bottle , 500 g / bottle

Technical Data

Physical Properties		
Viscosity	180-380mPa·s	
Suitable Wavelength	385nm/ 405nm	
Properties	**Value**	**Test Standard**
Hardness	90 (Shore D)	ASTM D2240
Tensile Strength	35 MPa	ASTM D638
Elongation at Break	80 %	ASTM D638
Flexural Modulus	700-800 MPa	ASTM D790
Flexural Strength	35-50 MPa	ASTM D790

Tray Resin

Tray Resin is a rigid 3D-printing material developed for fabricating patient-specific impression trays. Its low shrinkage and good dimensional stability support accurate tray fabrication, while reliable mechanical strength helps resist deformation during impression procedures. The material produces smooth, durable trays suitable for a range of prosthodontic applications.



Key Performance Benefits

Precision Fit
Low shrinkage and dimensional stability support an accurate fit to the patient's anatomy.

High Rigidity
Helps minimize tray flexing to support accurate impression results.

Specifications

Shade : Blue **Net Weight :** 1000 g / bottle , 500 g / bottle

Technical Data

Physical Properties		
Viscosity	200-350 mPa·s	
Suitable Wavelength	385nm/ 405nm	
Properties	**Value**	**Test Standard**
Hardness	80-90 (Shore D)	ASTM D2240
Tensile Strength	30-60 MPa	ASTM D638
Elongation at Break	3-15 %	ASTM D638
Flexural Modulus	2200-2700 MPa	ASTM D790
Flexural Strength	>80 MPa	ASTM D790

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