PioNext
Usage
Note:

Try-in Resin A1/A2, customizable

Short-term Usage (1 month)

Compatible with LCD/DLP
Material certification: FDA/NMPA(in process)

Features

- High Flexural Strength
- Perfect Details
- Low Water Absorption
- Bio-compatible
- MMA/THF-MA Free Formula
- Excellent Dimensional Stability

Try-in Resin
PN-Try-in
A2
Photopolymer UV Resin
1000g
Shake Before Use

Low Skin Irritation

Low Skin Sensitivity

Low Shrinkage Rate

Heat Resistance

High Hardness

Customizable Colors

Scratch Resistance

High Precision

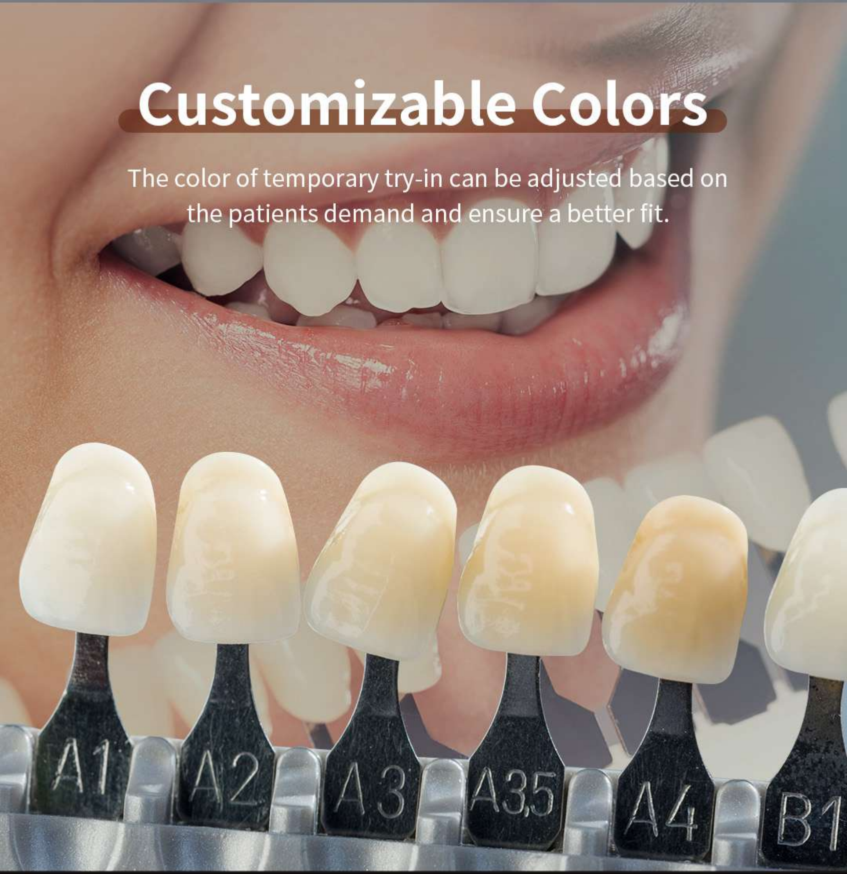
Hardness	ASTM D 2240	/	85-90
Flexural modulus	ASTM D 790	MPa	1800-2500
Flexural strength	ASTM D 790	MPa	80-100
Tensile modulus	ASTM D 638	MPa	600-900
Tensile strength	ASTM D 638	MPa	55-65
Elongation at break	ASTM D 638	%	12-16

Impact strength,notched lzod	ASTM D 256	J/m	40-50
Water absorption	ASTM D570	%	<1.0

In Vitro Cytotoxicity	ISO 10993-5	**Skin Sensitization**	ISO 10993-10
		Skin Irritation	ISO 10993-10

Customizable Colors

The color of temporary try-in can be adjusted based on the patients demand and ensure a better fit.



Excellent Properties

Convenient for occlusion record and denture occlusion.
Allowing easy process for high-precision occlusal adjustment.
Minimizing wear and tear, corrosion resistance, and easy for cleaning.

Try-in resin application

Full denture base

Partial denture base

Fixed bridge base

Inlay and veneer base

Biocompatibility

Good biocompatibility will not cause allergies,
inflammation, or other adverse reactions.
Try-on resin is tested for biocompatibility to ensure its safety.
Should still pay attention to individual differences and reactions
to long-term wearing while waiting for the final prosthesis
fabrication and fitting.

Full Denture Base

Used for edentulous patients to help determine the fit and comfort of the complete denture.

Partial Denture Base

Used for patients with partial tooth loss to help verify the retention and occlusal effect of the partial denture.

Fixed Bridge Base

Used for trial fitting before dental bridge restoration to check the design and occlusal relationship.

Inlay and Veneer Base

Used for trial fitting before the restoration of one or several teeth to ensure the height, shape, and aesthetics of the restoration.

The Application Process of Try-in Resin

Trial base resin is a material used during the denture modeling stage, intended solely for patients to try on to determine fit and comfort.

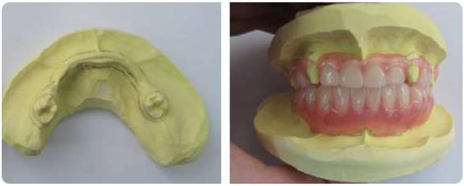
Taking Impressions

Using devices such as an intraoral scanner, oral CT scan, or impression materials to obtain a model of the patient's oral cavity.

3D Printing of Trial Denture Base

Using trial denture base resin to 3D print a trial denture base based on the oral model.

Trial Fitting and Adjustment



The dentist adjusts the shape and position of the trial denture base according to the patient's feedback until the desired comfort and functionality are achieved.

Fabrication of Removable Denture

After the trial denture base is finalized and adjusted, the final removable denture can be fabricated.

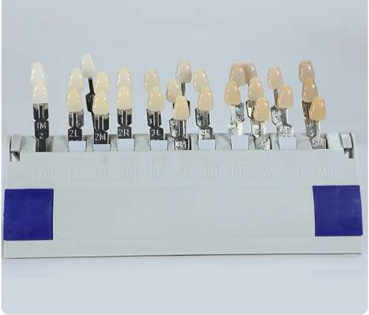
Parameter Suggestion

Application Parameters of Try-in Resin_PN-Try-in

Device name	Thickness	Bottom layer exposure time	Layer exposure time	Motor speed
LCD	0.05-0.1(mm)	30-35(s)	3.0~3.4(s)	3~4(mm/s)
DLP	0.05-0.1(mm)	20-25(s)	2.0~2.3(s)	3~4(mm/s)

Post-processing Parameter Recommendations Table of Try-in resin_PN-Try-in

Device name	Wavelength	Percentage of Light Intensity	Recommended time	curing with/ without water
UV02	(385+405)nm	100%	10(5-15)min	Yes



Advantages of Digital Dental Applications

Advantages of using try-in resin for making trial bases

1. High Precision:
The trial denture base resin offers higher processing accuracy, aiding in the precise fit of the final dentures.

2. Easy Adjustment:
The trial denture base resin is easier to modify and adjust, saving time and cost.

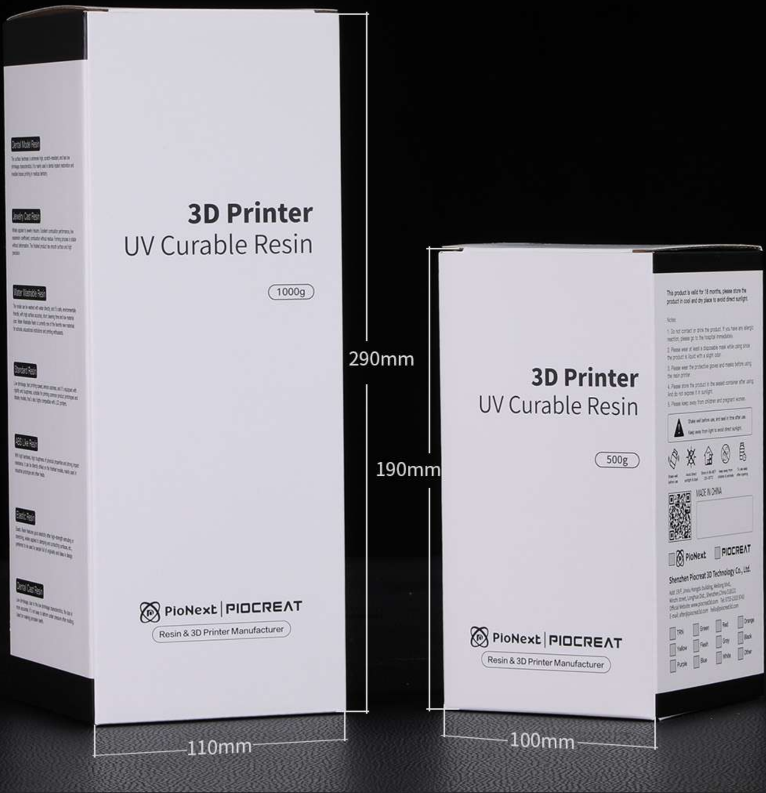
3. Lightweight Material:
Resin materials are usually lighter than traditional materials, enhancing the comfort of trial fittings.

4. Improved Patient Experience:
Better appearance and fit can increase patient satisfactions.

Packaging Display

Note: The packaging is for reference only, there may be differences between different batches, and make the object as the standard.

1000g: 290×110×110mm | 500g: 190×100×100mm



Material Usage Notice

Post-Processing
Safety Precaution
Correct Storage Method

Post-processing and Washing

1. Clean the model using ultrasonic cleaners with either deionized water or ethanol. Avoid using high-frequency vibrations or scrubbing the model with force to prevent damage to the surface details of the model;

2. Use an air gun or blower to remove the cleaning solution from the surface;

3. Remove most of the support material before post-curing. After curing, perform detailed support removal and surface finishing;

4. Adjust the curing time according to the selected post-curing method

Safety Precautions

1. This product is for single use only and cannot be reused;

2. Use only in well-ventilated areas. Pay attention to air circulation and take appropriate protective measures during use;

3. In case of accidental contact with eyes, rinse immediately with plenty of clean water. If discomfort persists after rinsing, seek medical attention immediately;

4. In case of accidental contact with clothing, change clothes immediately and rinse skin with plenty of clean water if necessary;

5. Avoid contact of resin with food. In case of accidental ingestion, do not induce vomiting, maintain a resting position, and seek medical attention promptly;

6. Dispose of waste in accordance with local environmental regulations and requirements.

Correct Storage Method

Please storage the product below to the 25 °C, avoid exposure to the light, general illumination visible light will initiate polymerization reaction.

Do not place it in the sun exposure, humid and corrosive gas presence place.

The shelf life is 18 months.
