

Denture-based resin, used in conjunction with temporary crown resin, facilitates the easy creation of dentures.

3D printing dental mold resin

Colours: pink

Wavelength: 405nm

- Biocompatible certification
- Toxicity certification
- Natural color
- For use with temporary crowns
- High strength high hardness
- Low water absorption



Product Data Sheet

content	Data value	testing method
viscosity	450-750cps(25°C)	ASTM D1084-1997
hardness	81D	ASTM D2240-05(2010)
water absorption	<35ug/mm ³	ISO20975-1
Elastic modulus	>2200Mpa	ISO20975-1
Biocompatibility	PASS	10993-1/5/10

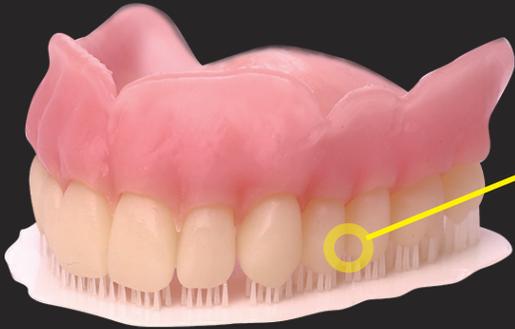
Printing parameter settings

machine	layer height	exposure time	bottom exposure time
Giant 8k	0.05mm	3.5s	20s
Mini giant pro	0.05mm	4.5s	15s

bottom layer count	transition layer count	rest time after retract
5	4	1s
5	5	1s

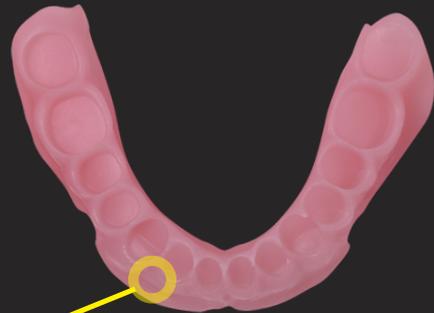
Faster Turnaround Time

Traditional methods of creating dental prostheses can take several weeks to complete. With 3D printing technology, the turnaround time can be significantly reduced, allowing patients to receive their new prostheses in a matter of days rather than weeks.



High Strength

These innovative bases exhibit a high level of resistance when bent or broken and are less prone to brittleness, providing a long-lasting and durable solution for patients requiring restorative dental treatment.



Making Dentures Safely

Dentures can be fabricated using a combination of base resin and temporary crown resin, which can be directly applied to the oral cavity after being polished and sterilized. This resin is biocompatible and has undergone toxicity testing to ensure its suitability for use in dental applications.



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