



Temp C&B UV

- ✓ Natural tone
- ✓ High precision
- ✓ High printing speed
- ✓ High tensile and flexural strength
- ✓ High abrasion resistance
- ✓ Biocompatible

Color A1 ● A2 ● A3 ●

Specification 500g Bottle / 1000g Bottle

Certifications FDA

Machine Compatibility



A2D



A2D 4K



DS

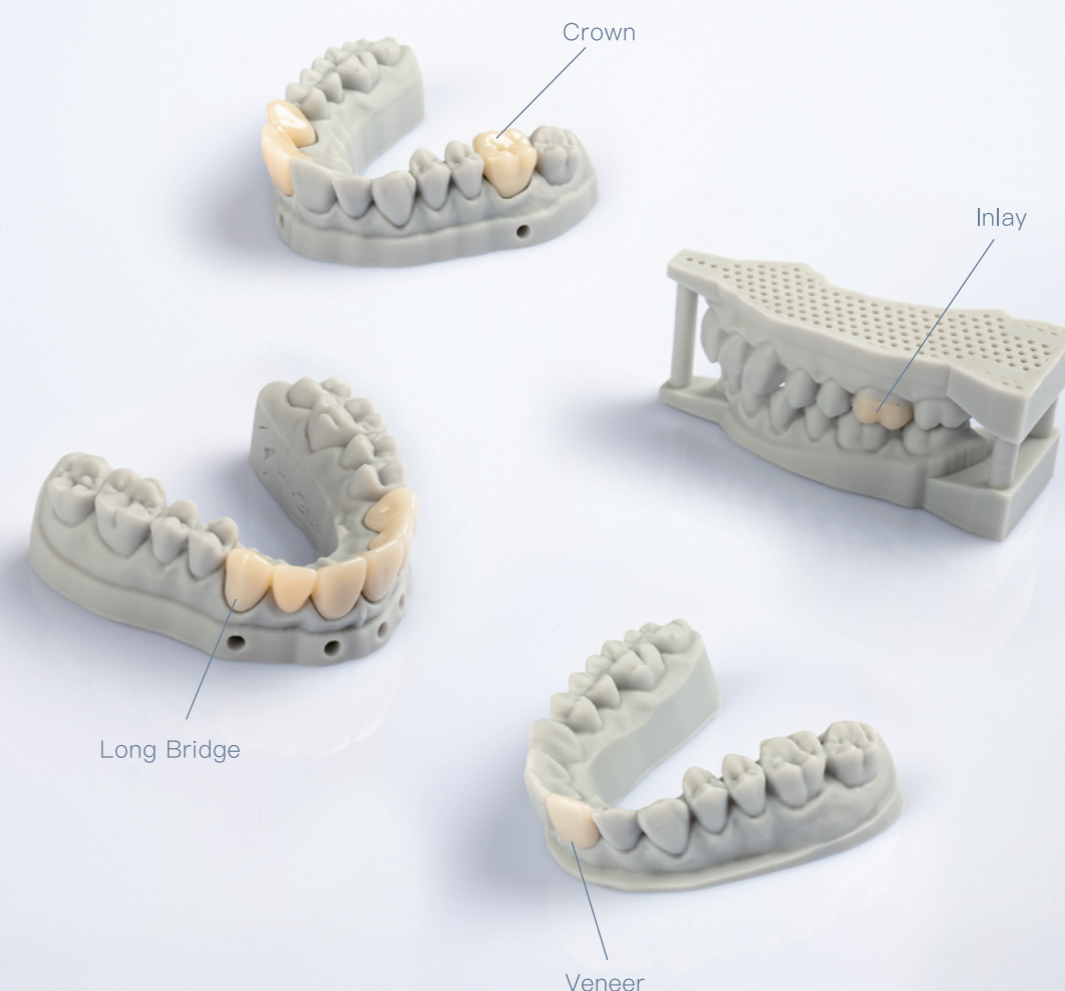


Temp C&B UV is a biocompatible material developed to manufacture temporary crowns & bridges. The material has high tensile strength, high flexural modulus, and high abrasion resistance. Printed temporary crowns & bridges have natural tooth aesthetics and translucent colors, and it is very easy to be processed and polished. It is odorless and can be used in the mouth for an extended period.

Properties	Units	Standard	Result
Flexural Strength	MPa	ASTM D790	89.3–101.0
Flexural Modulus	MPa	ASTM D790	2145–2572
Impact Strength (Notched)	J/m	ASTM D256	16.3–18.5
Water Sorption	%	ASTM D570	1.20–1.57
Hardness	Shore D	ASTM D2240	90

APPLICATIONS

Applications



Properties	Units	Result
Flexural Strength	MPa	≥50
Bonding Strength	MPa	≥ 5
Solubility	µg/mm ³	≤7.5
Water Sorption	µg/mm ³	≤40

Based on results of ISO 20795–2 tests

Cytotoxicity (ISO 10993–5)	Pass
Irritation (ISO 10993–10)	Pass
Sensitization (ISO 10993–10)	Pass

Based on results of ISO 10993 tests