

CB12



Ceramic CB Resin

CB12 is an ideal choice for crown and bridge with perfect performance on the strength, morphology, colour, etc. This material undergoes MMA & THF-MA free which is even safer to sensitive users. This material has features including good results on real anti-aging performance with high flexural strength and low water absorption. The flexural strength can be maintained above 150MPa after long accelerated test. The low risk of CB12 fracture after wearing, the safer the patient chewing. CB12 is recommended to palce at room temperature $23\pm2^{\circ}\text{C}$ with humidity $<70\%$. The surface of the printed product is smooth and easy post-processing.



- Multi-colour choice: A1/A2/A3/B1
- High flexural strength
- MMA & THF-MA free

■ Physical Properties - Liquid Status

Colour	A1, A2, A3, B1
Wavelength	405nm

■ Mechanical Properties - Post Cured Parts

Property	Value	Reference/Standard
Ultimate flexural strength	$>150\text{ MPa}$	ISO 10477, ISO 4049
Ultimate Flexural Strength after two months of accelerated aging tests	$>150\text{ MPa}$	ASTM F1980-2021, ISO 10477
olor Stability	No perceptible color change	ISO 22112
Sorption	$<35\text{ }\mu\text{g/mm}^3$	ISO 10477, ISO 4049
Solubility	$<2\text{ }\mu\text{g/mm}^3$	ISO 10477, ISO 4049

Post Processing	Value
Cleaning time with 95% ethanol	Basic Ultrasonic: 120s + Fine Ultrasonic: 60s
Recommended curing time	Fabcure 2: 10 mins at 60 degrees