

CB11



Temporary Crown&Bridge

CB11 is an ideal choice for printing crown and bridge with perfect performance in colours, morphology, occlusion, etc. This material undergoes MMA&THF-MA free which is even safer in use of sensitive users. This material has features including high toughness, high pressure resistance, high flexural strength with low water absorption after testing in oral devices real anti-aging performance. The flexural strength can be maintained above 115MPa after a long-accelerated aging test. The low risk of CB11 fracture after wearing, the safer when patient's chewing. CB11 is recommended to place at room temperature 23±2°C with humidity <70%. The surface of the printed CB11 is smooth and easy to polish, with high gloss after polishing.

- Multi-colour choice A1, A2, A3, B1
- Comprehensive biocompatibility
- High pressure-resistance, high flexural strength



Physical Properties - Liquid Status

Colour	A1, A2, A3, B1
Viscosity	1320
Wavelength	405nm

Mechanical Properties - Post Cured Parts

Property	Value	Test Method
Flexural Strength mpa	118	ISO 10477, ISO 4049
Flexural Strength after two months of accelerated aging test (Mpa)	116	ASTM F1980-2021, ISO 10477
Chewing Simulation Test	> 5 years (1.2 million chewing cycles at a load of 200 N)	Chewing Simulation Methods
Color Stability dE	≤1 (CIELAB, dE)	ISO 10477, ISO 4049
Color Stability dE	No perceptible color change	ISO 22112
Resistance to blanching, distortion and crazing	No perceptible failing	ISO 22112
Elongation at break	6.59%	ISO 527-1
Water Sorption µg/mm ³	≤ 35	ISO 10477, ISO 4049
Solubility µg/mm ³	≤ 5.5	ISO 10477, ISO 4049
Biocompatible	Comply	ISO 10993-1

Post Processing	Value
Cleaning time with 95% ethanol	Manual cleaning 20 secs
Recommended curing time	Fabcure 1/1S: 10min Fabcure 2: 5min