

# Ceramic Crown Resin

Indicated for temporary and permanent single units (crowns, inlays, onlays, and veneers) and bridges, and denture teeth.

- Temperature Resistance
- Low Skin Irritation
- Low Skin Allergenic
- Low Shrinkage
- High Hardness
- Impact-resistant



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Color: **A1, A2, A3, BL1, B1, B2 White**

Specification: **500/1000g**

Compatible with **DLP/LCD**

Applicable light source band: **385-405nm**



ISO - 10993<sup>2</sup>  
ISO - 13485<sup>3</sup>

\*1.CE MDR II in the process of certification; 2.Biology Test(ISO - 10993) in progress; 3.Quality Management System (ISO - 13485) in the process of certification

## Resin Property (Post-cure)

|                              |                  |           |         |
|------------------------------|------------------|-----------|---------|
| Hardness                     | ASTM D 2240      | 93-95     | Shore D |
| Flexural modulus             | ASTM D 790       | 6000-7000 | MPa     |
| Flexural strength            | ASTM D 790       | 110-140   | MPa     |
| Tensile modulus              | ASTM D 638       | 1100-1500 | MPa     |
| Tensile strength             | ASTM D 638       | 70-80     | MPa     |
| Elongation at break          | ASTM D 638       | 5-8       | %       |
| Impact strength,notched Izod | ASTM D 256       | 25-45     | J/m     |
| Heat deflection temperature  | ASTM D648 @66PSI | 100-110   | °C      |