



# X-cera 3D White



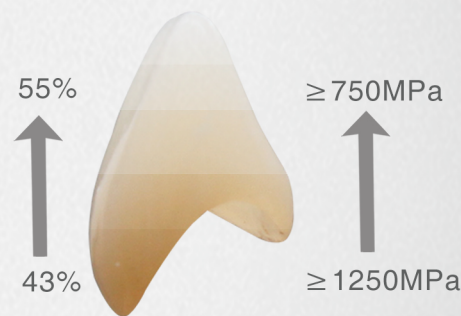
*Unique 3D White, which leaves you more space of dyeing and imagination!*


Unique Dyeing System

White but Translucent with Natural Gradient



Flexible Coloring to Make Teeth More Natural



Indications 

XTCERA 3D White is intended for the fabrication and preparation of copings, full anatomical/ full contour crowns, bridges up to three units, inlays, and onlays for anterior restorations.

Note: Directing arrow is marked on the label of multilayer blanks, which points to incisal surface.



**Chemical Composition:**

ZrO <sub>2</sub> +HfO <sub>2</sub>	>90.5wt%
Y <sub>2</sub> O <sub>3</sub>	9.28wt%
Al <sub>2</sub> O <sub>3</sub>	<0.5wt%
Other Oxides	<0.5wt%



**Properties:**

- Sintering Density : ≥ 6.0g/cm<sup>3</sup>
- Bending Strength: ≥ 750MPa
- Vickers Hardness: 1250HV
- Chemical Solubility: < 100µg/m<sup>2</sup>

**Sintering Curve**



**Single Crown**

Sintering step	Temperature range(°C)	Time(h)
paragraph 1	20-900	1.5
paragraph 2	900-900	0.5
paragraph 3	900-1500	3.0
paragraph 4	1500-1500	2.0
paragraph 5	1500-800	1.0
paragraph 6	800-Natural cooling	Draw a charge



**Short Bridge**

Sintering step	Temperature range(°C)	Time(h)
paragraph 1	20-900	1.5
paragraph 2	900-900	0.5
paragraph 3	900-1530	4.0
paragraph 4	1530-1530	2.0
paragraph 5	1530-800	2.0
paragraph 6	800-Natural cooling	Draw a charge



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