

UPCERA



# HT WHITE

## ZIRCONIA

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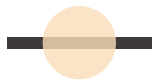
Reliable Materials Expert

## HT White



UPCERA HT White, made of 3Y-TZP, is a high translucent zirconia blank used for monolithic or anatomically reduced anterior restorations and framework bridges with porcelain build-up. It offers a good choice of high strength to the labs.

- Ideal for coping and framework
- Ultra-high strength, reduces the fracture risk



Translucency  
**39%**

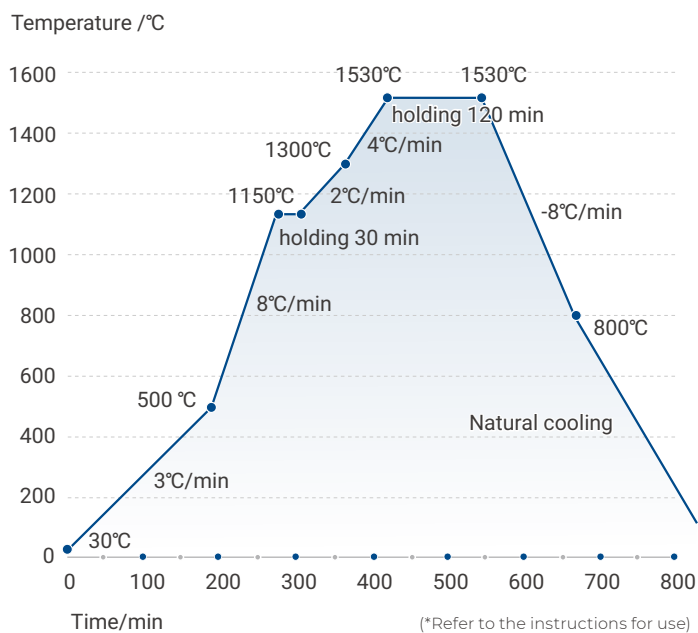


Strength  
**1300 MPa**

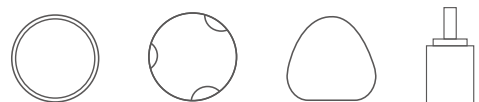
### Optimum Indications

- Coping
- Reduced posterior bridge (≥3 units)

### Sintering program



### Apply for



Open CAD/CAM System,  
Zirkonzahn CAD/CAM System,  
Amann Girrbach CAD/CAM System,  
Cerec in lab (Sirona) System



## Physical Characteristics

Density after sintering	6.08±0.01g/cm <sup>3</sup>
CTE(25-500°C)	(10.5±0.5)×10 <sup>-6</sup> K <sup>-1</sup>
Accelerated aging surface monoclinic phase content	<10%
Chemical solubility after sintering	<100µg/cm <sup>2</sup>
Radioactivity	<0.1Bq/g
Sintering temperature	1530°C

## Chemical Composition

ZrO <sub>2</sub> + HfO <sub>2</sub> + Y <sub>2</sub> O <sub>3</sub>	>99%
Y <sub>2</sub> O <sub>3</sub>	4.4%-6%
Al <sub>2</sub> O <sub>3</sub>	<0.5%
Others oxides	<0.5%

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