

UPCERA



# ST PRE-SHADED ZIRCONIA

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Reliable Materials Expert

# ST Pre-shaded



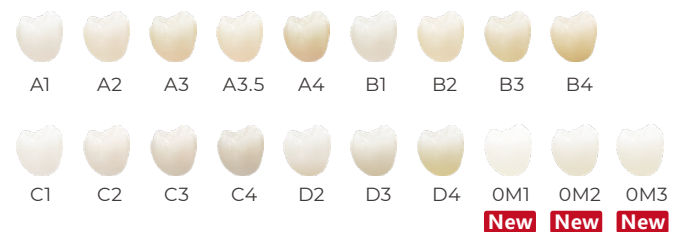
Strength  
**1300 MPa**

## Optimum Indications

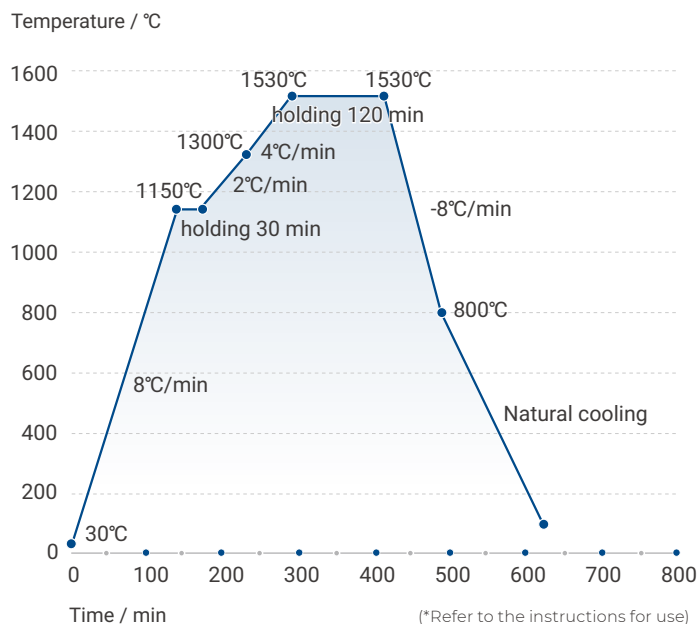
- Posterior bridge (> 4 units)
- Coping
- Reduced posterior bridge (≥ 3 units)

With the variety of shades, ST pre-shaded zirconia can meet the most needs of dental restorations. The optimal stability and outstanding anti-aging performances make it become a good choice for labs.

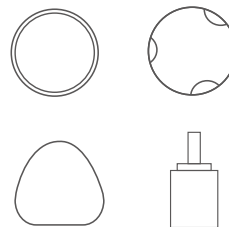
## Shades



## 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	<15%
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>	>97%
Y <sub>2</sub> O <sub>3</sub>	4.4%-5.5%
Al <sub>2</sub> O <sub>3</sub>	<0.5%
Fe <sub>2</sub> O <sub>3</sub>	<0.3%
Er <sub>2</sub> O <sub>3</sub>	<1.0%
Others oxides	<1.2%

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