

UPCERA



TT WHITE

ZIRCONIA

Reliable Materials Expert

TT White

TT white provides the highest translucency, which is suitable for anterior restorations and requires no porcelain.



Translucency
49%

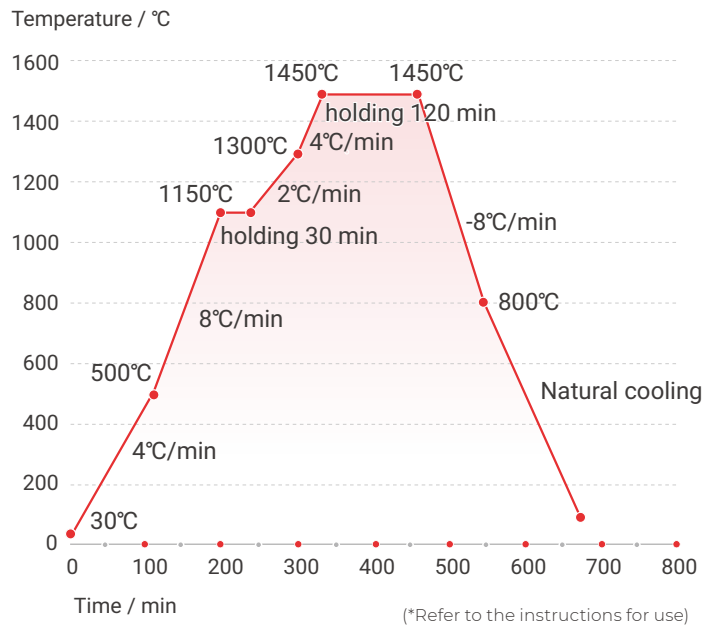


Strength
600 MPa

Optimum Indications

- Full contour crown
- Anterior and posterior bridge (3 units)

Sintering program



Apply for



Open CAD/CAM System,
Zirkonzahn CAD/CAM System,
Amann Girrbach CAD/CAM System,



Physical Characteristics

Density after sintering	$\geq 6.0 \text{ g/cm}^3$
CTE(25-500°C)	$(10.5 \pm 0.5) \times 10^{-6} \text{ K}^{-1}$
Accelerated aging surface monoclinic phase content	<5%
Chemical solubility after sintering	<100 $\mu\text{g/cm}^2$
Radioactivity	<0.1 Bq/g
Sintering temperature	1450°C

Chemical Composition

$\text{ZrO}_2 + \text{HfO}_2 + \text{Y}_2\text{O}_3$	>96.5%
Y_2O_3	5.8%-9.7%
Al_2O_3	<0.5%
Fe_2O_3	-
Er_2O_3	-
Others oxides	<0.5%

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