

UPCERA



TT ONE WHITE ZIRCONIA

Reliable Materials Expert

TT ONE White

TT ONE White combines high strength and excellent translucency for all indications.



Translucency
47%



Strength
1000 MPa

Optimum Indications

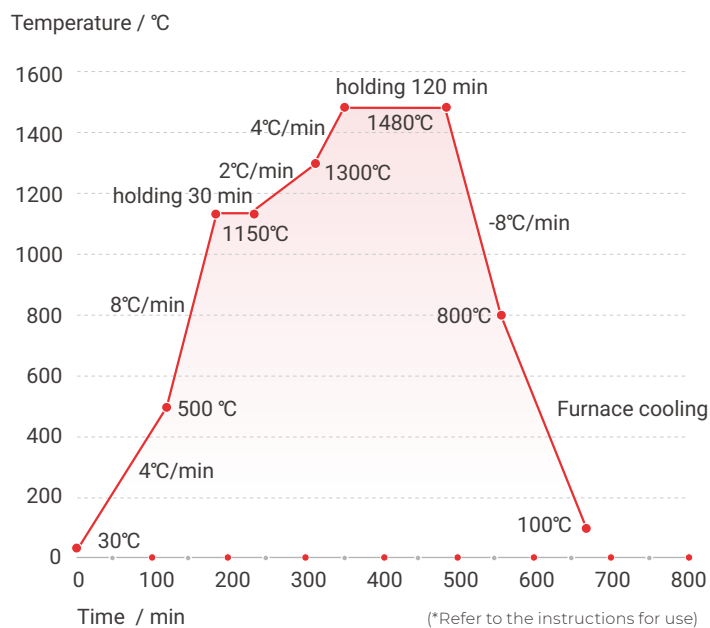
- Full contour posterior crown
- Posterior bridge (≥3 units)

Apply for



Open CAD/CAM System,
Zirkonzahn CAD/CAM System

Sintering program





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	1480°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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