

UPCERA



TT ONE MULTILAYER

ZIRCONIA

Reliable Materials Expert

TT ONE Multilayer

This multilayer zirconia offers high strength and excellent aesthetic effects with no lines, which is available in 16 VITA classical shades.



Strength
1000 MPa

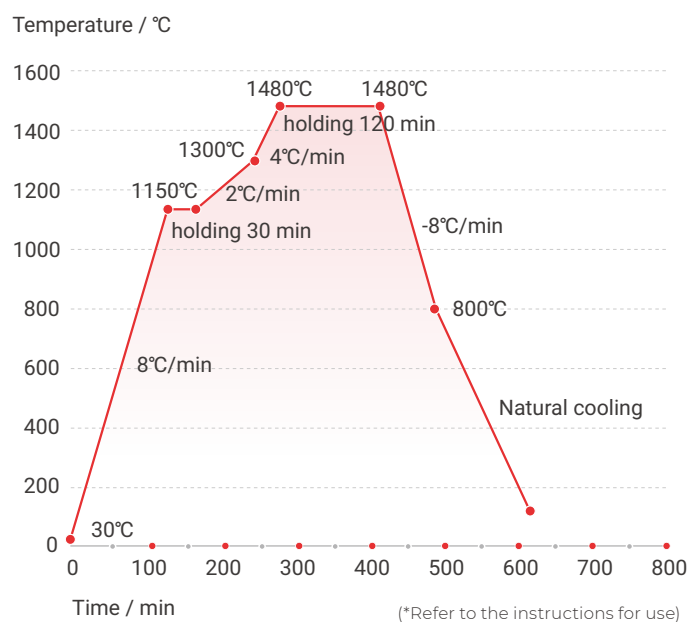
Optimum Indications

- Full contour posterior crown
- Posterior bridge (3 units, 4 units)

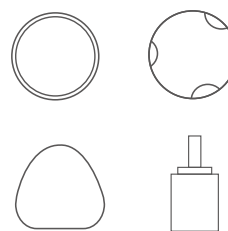
Shades



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	$\geq 6.0 \text{ g/cm}^3$
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	<0.5%
Er_2O_3	<2.0%
Others oxides	<0.5%

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