

UPCERA



TT MULTILAYER ZIRCONIA

Reliable Materials Expert

TT Multilayer

TT multilayer zirconia is gradient and pre-shaded, available in 16 VITA classical shades. It offers excellent aesthetics with no porcelain required.



Strength

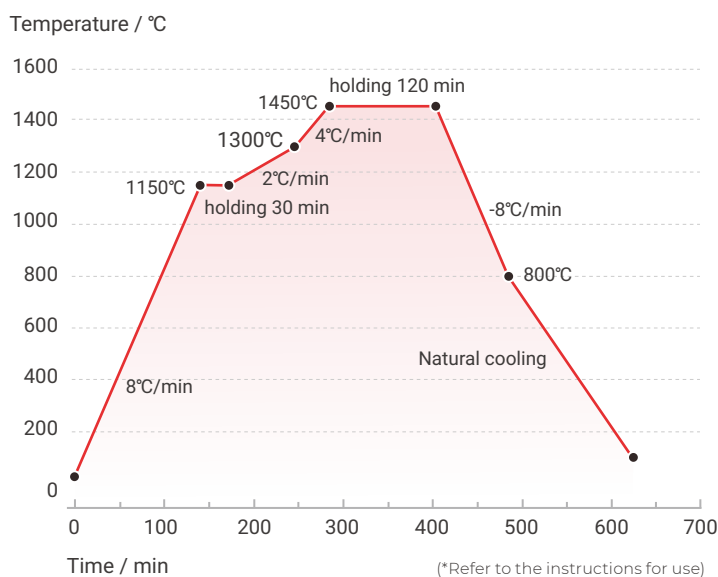
600 MPa

System Available



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

Sintering program



Shades





Physical Characteristics

Density after sintering	>6.0g/cm ³
CTE*(25-500°C)	(10.5±0.5) x10 ⁻⁶ K ⁻¹
Accelerated aging surface monoclinic phase content	<5%
Chemical solubility after sintering	<100µg/cm ²
Radioactivity	≤1.0Bq/g
Sintering temperature	1450°C

Chemical Composition

ZrO ₂ + HfO ₂	86.3%-94.2%
Y ₂ O ₃	5.8%-9.7%
Al ₂ O ₃	<0.5%
Fe ₂ O ₃	<0.5%
Er ₂ O ₃	<2.0%
Other oxides	<0.5%

*Linear thermal expansion

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