

UPCERA



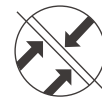
ST MULTILAYER ZIRCONIA

Reliable Materials Expert

ST Multilayer



The pre-shaded multilayer zirconia offers the smooth gradient of chroma from cervical to incisal and extraordinary machinability, which becomes the first choice for full contour bridge restorations.



Strength
1300 MPa

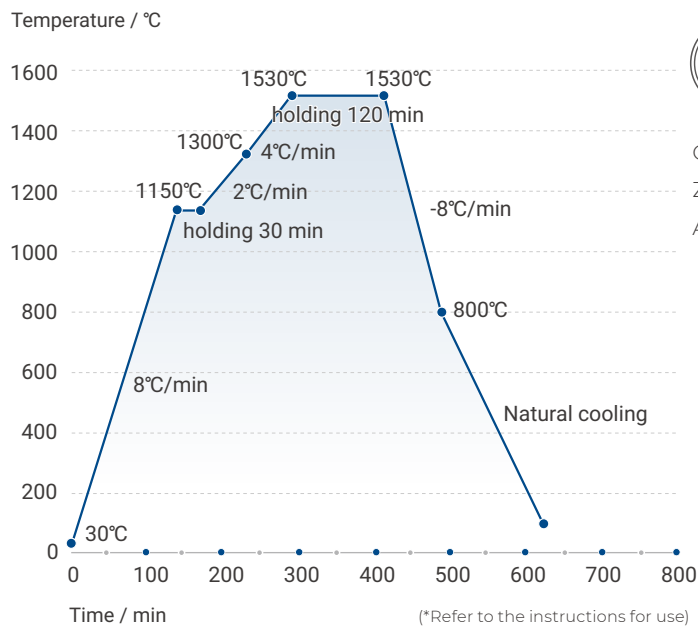
Optimum Indications

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

Shades



Sintering program



Apply for



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



Physical Characteristics

Density after sintering	6.08±0.01g/cm ³
CTE(25-500°C)	(10.5±0.5)×10 ⁻⁶ K ⁻¹
Accelerated aging surface monoclinic phase content	<15%
Chemical solubility after sintering	<100µg/cm ²
Radioactivity	<0.1Bq/g
Sintering temperature	1530°C

Chemical Composition

ZrO ₂ + HfO ₂ + Y ₂ O ₃	>97.7%
Y ₂ O ₃	4.4%-5.5%
Al ₂ O ₃	<0.5%
Fe ₂ O ₃	<0.3%
Er ₂ O ₃	<1.0%
Others oxides	<1.2%

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