

UPCERA



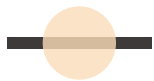
ST WHITE

ZIRCONIA

Reliable Materials Expert

ST White

Individual infiltration and staining techniques of ST White can create restorations with great esthetic effects. It is suitable for a wide range of indications.



Translucency
43%



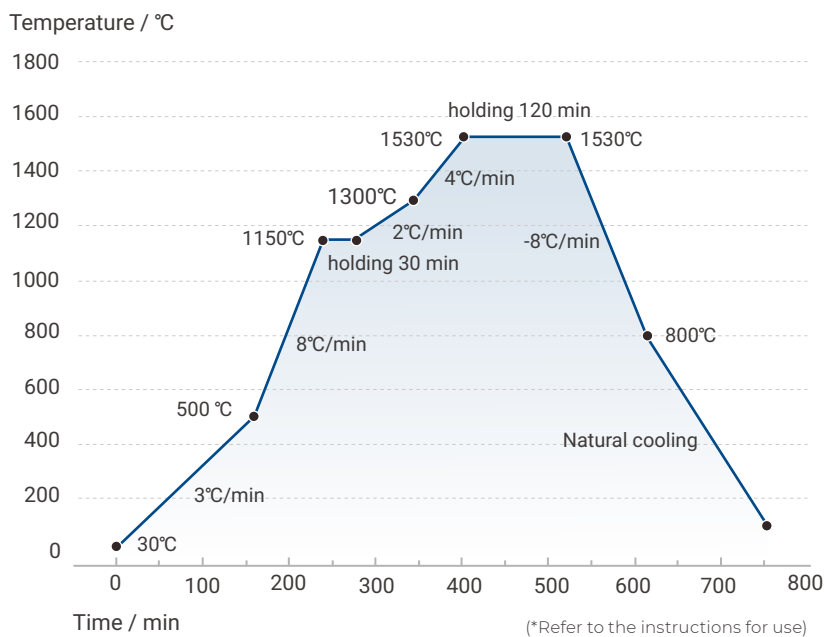
Strength
1300 MPa

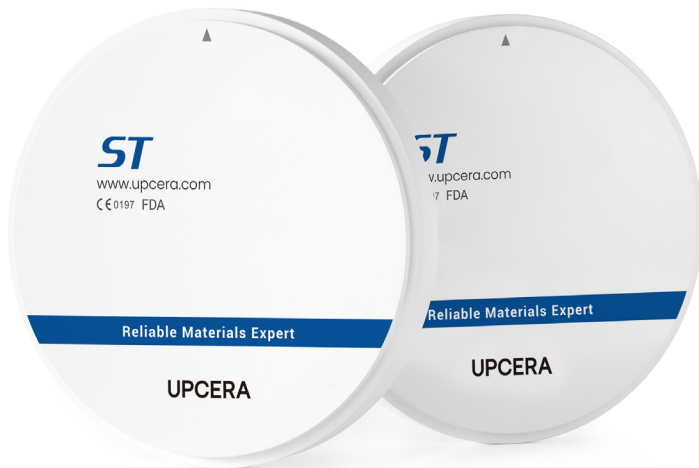
System Available



Open CAD/CAM System, Zirkozahn CAD/CAM System, Amann Girrbach CAD/CAM System, Cerec in lab (Sirona) System

Sintering program





Physical Characteristics

Density after sintering	>6.02g/cm ³
CTE*(25-500°C)	(10.5±0.5) x10 ⁻⁶ K ⁻¹
Accelerated aging surface monoclinic phase content	<15%
Chemical solubility after sintering	<100µg/cm ²
Radioactivity	≤1.0Bq/g
Sintering temperature	1530°C

Chemical Composition

Zirconia powder	-
Fe ₂ O ₃	-
Pr ₂ O ₃	-
Er ₂ O ₃	-
ZrO ₂ + HfO ₂	94%-95%
Y ₂ O ₃	4.5%-6%
Al ₂ O ₃	<0.5%
Other oxides	<0.5%

*Linear thermal expansion

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