

ST Multilayer



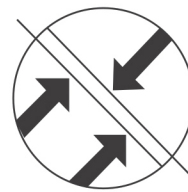
- Suitable for full contour crown and bridge

• Physical Characteristics

Density after sintering	6.08±0.01g/cm ³
CTE(25-500°C)	(10.5±1.0) x10 ⁻⁶ K ⁻¹
Accelerated aging surface monoclinic phase content	<15%
Chemical solubility after sintering	<100µg/cm ²
Radioactivity	<0.1Bq/g
Sintering temperature	1400-1580°C recommend 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%



STRENGTH
1300MPa