

TT Blank

Features:

- Suitable for anterior restoration
- Superior glassy translucency
- Less tooth preparation



Chemical Composition

ZrO ₂ + HfO ₂	86.3% ~ 94.2%
Y ₂ O ₃	5.8%-9.7%
Al ₂ O ₃	<0.5%
Others oxides	<0.5%

Physical characteristics

Density before sintering	>2.8g/cm ³
Density after sintering	6.04±0.03g/cm ³
CTE after sintering (25-200°C)	10.5±1.0x10 ⁻⁶ K ⁻¹
3-point flexural strength after sintering	> 600Mpa
Accelerated aging surface monoclinic phase content	< 5%
Average transmittance	49%
Chemical solubility after sintering	< 100µg/cm ²
Cytotoxicity test	0 level
Radioactivity after sintering	<0.1Bq/g
Sintering temperature	1430-1470°C

Indications

Coping		✓
2 unit Bridges		✓
3 unit bridges		✓
Telescopic crown		✓
abutment		✓
Veneer		✓

- ✓ recommended to make bridge
- ✓* can be made bridge but not recommended

Procedures

