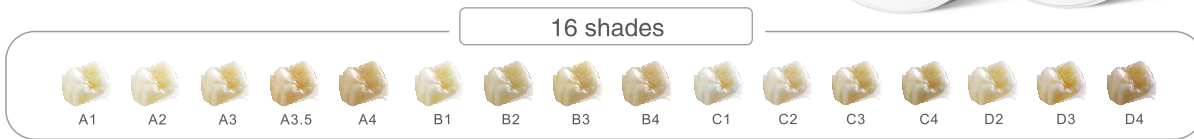


ST-Color Blank

Features:

- Suitable full contour crown and bridge
- No need coloring with VITA 16 shades



Chemical Composition

Nanometer zirconia powder	>98%
Fe ₂ O ₃	<0.3%
Pr ₂ O ₃	<0.3%
Er ₂ O ₃	<0.3%
Others oxides	<0.5%

Physical characteristics

Density before sintering	3.1±0.5g/cm ³
Density after sintering	6.08±0.01g/cm ³
CTE(25-500°C)	10.5±1.0x10 ⁻⁶ K ⁻¹
3-point flexural strength after sintering	1100 Mpa
Accelerated aging surface monoclinic phase content	< 15%
Chemical solubility after sintering	< 100ug/cm ²
Cytotoxicity test	0 Level
Radioactivity	< 0.1Bq/g
Sintering temperature	1500~1580°C

Indications

Crown		✓
Bridge		✓
3-4 units bridge		✓
5-6 units bridge		✓*
Bridges over 7 units (Less than 3 sequential pontics for the anterior, less than 2 sequential pontics for the posterior)		✓*
Cantilever bridge (Except the patient with bruxism)		✓
Inlay bridge (Except the patient with bruxism)		✓
Maryland bridge (Except the patient with bruxism)		✓
Telescopic crown		✓
Personalized abutment		✓

✓ recommended to make bridge

✓* can be made bridge but not recommended

Procedures

