

Aconia®

CATALOG 2017



HT / ST / SHT / TT



bSM

Technology creates the best smile

Our Company



Chengdu Besmile Biotechnology Co., Ltd is an international high-tech company dedicated to the R&D, manufacturing, sales, service of dental ceramic, dyeing solution, and milling machines. We uphold our promise of shared value to be a leading dental solution provider who focuses on bringing sustainable changes for the lives of the people and communities we serve across the globe. We value customers' satisfaction greatly. Besmile Customer Service Center offers various services for worldwide customers, such as online support, regular training, and on-site visit. We also have been awarded with FDA, CE, ISO13485, CFDA certifications and other over 20 patents.

R & D team



Academic support



Zirconia blanks




HT



Data sheet

- Sintered Density g/cm^3 : > 6.02
- Bending Strength Mpa: 1350 ± 100
- Translucency: 40%
- Radioactivity $\text{Bq} \cdot \text{g}^{-1}$: < 0.1
- Chemical Solubility $\mu \text{g/cm}^3$: < 50
- Cytotoxicity: Level 0

The strongest and most economical Zirconia blank, is notably applied for multi-unit bridge.

Repair indication		
		
Coping	Abutment	Bridge over (1-14units)








ST



Data sheet

- Sintered Density g/cm^3 : > 6.02
- Bending Strength Mpa: 1250 ± 100
- Translucency: 43%
- Radioactivity $\text{Bq} \cdot \text{g}^{-1}$: 0.1
- Chemical Solubility $\mu \text{g/cm}^3$: < 50
- Cytotoxicity: Level 0

It is developed under the thorough consideration of aesthetic effect and practicability. It is most widely applied and the best-selling products of the company.

Repair indication															
															
Coping	Posterior full crown	Inlay	Onlay	Partial crown	Abutment	Bridge within 7 units									
Pre-shaded															
A1	A2	A3	A3.5	A4	B1	B2	B3	B4	C1	C2	C3	C4	D2	D3	D4









SHT



Data sheet

- Sintered Density g/cm^3 : > 6.02
- Bending Strength Mpa: 1200 ± 100
- Translucency: 46%
- Radioactivity $\text{Bq} \cdot \text{g}^{-1}$: < 0.1
- Chemical Solubility $\mu \text{g/cm}^3$: < 50
- Cytotoxicity: Level 0

It has the ideal combination of high strength and superior translucency, delivering natural-teeth-like aesthetic effects and stability.

Repair indication							
							
Coping	Anterior full crown	Posterior full crown	Inlay	Onlay	Partial crown	Abutment	Bridge over (1-4units)
Pre-shaded							
	A1	A2	A3	B1	B2	B3	



Data sheet

- Sintered Density g/cm³: > 6.02
- Translucency: 49%
- Radioactivity Bq·g⁻¹: < 0.1
- Chemical Solubility μ g/cm³: < 50
- Cytotoxicity: Level 0

It is our most translucent material. The aesthetics of the product is highly compatible with the natural teeth.

Repair indication				
				
Anterior full crown (1-3units)	Posterior full crown	Inlay	Onlay	Partial crown

Dyeing solutions



Besmile standard classic 16 colors



Besmile standard 3D-Master 26 colors

Benefits: ☒ easy to use
☒ Fast dyeing
☒ Precise color one to one

Special Color: TO TOG TOB O1 O2 P G B V R

