

BSM 贝施美
BeSmile

Aconia [®]
ALL - IN - ONE

SHT-ML Multilayer

NMPA CE 0197 Seamless Gradient
Shade | Translucency | Strength

Introducing

BSM

BeSmile Zirconia

The New Era of Dental Prosthetics

Aconia® Zirconia

Zirconia Blanks, used in dental restorations like crowns and bridges, offer a blend of aesthetics, strength, and biocompatibility. They closely mimic natural teeth in appearance, ensuring a visually pleasing result. Renowned for their durability, zirconia restorations withstand biting and chewing forces effectively. These blanks are compatible with CAD/CAM technology, enabling precise, custom fittings. Additionally, their low thermal conductivity enhances patient comfort by minimizing sensitivity to temperature changes. Available in various translucency levels, zirconia blanks cater to diverse dental needs, combining functionality and aesthetics in modern dentistry.



Aconia® Zirconia

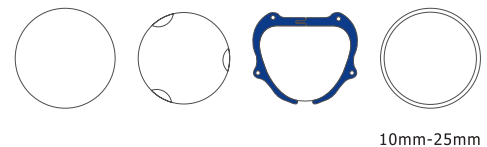
ST

Create the universal smile: the classic solution

- Strong with good millability
- Attractive translucency with outstanding strength 1250Mpa
- Wide indications from coping to long-span bridge
- Easy and fast coloring



Technical data	
Flexural strength(3-point)	1250±100 Mpa
Translucency	43%
Vickers-hardness HV10	1300±50
Density	>3 (g/cm ³)
Sintered Density	>6.02 (g/cm ³)
Chemical solubility	<50(μg/cm ³)
Radioactivity	<0.1/Bq.g ⁻¹
Fracture toughness	>5.5/(Mpa.m ^{1/2})
CTE	(10.5±0.5)*10 ⁻⁶ K ⁻¹



Indication						
Inlay & Onlay	Full contour crown	Coping	Full contour anterior bridge (3 unit)	Full contour posterior bridge (3 unit)	Full contour bridge (≤7 unit)	Full contour bridge (≤14 unit)

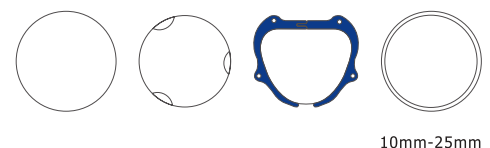
HT⁺

Create the unwavering smile: the economical solution

- The extraordinary strength of 1400Mpa grants a high level of process safety
- Easy veneering & individualizing
- Best option for coping & abutment



Technical data	
Flexural strength(3-point)	>1400 Mpa
Translucency	42%
Vickers-hardness HV10	1300±50
Density	>3 (g/cm ³)
Sintered Density	>6.02 (g/cm ³)
Chemical solubility	<50(μg/cm ³)
Radioactivity	<0.1/Bq.g ⁻¹
Fracture toughness	>9/(Mpa.m ^{1/2})
CTE	(10.5±0.5)*10 ⁻⁶ K ⁻¹



Indication							
Inlay & Onlay	Full contour crown	Coping	Full contour anterior bridge (3 unit)	Full contour posterior bridge (3 unit)	Full contour bridge (≤7 unit)	Full contour bridge (≤14 unit)	Abutment

Aconia® Zirconia

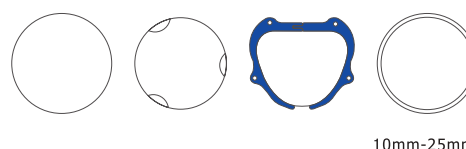
ST-Preshade

Create the best smile with speed

- Outstanding strength of 1250MPa combined with ideal translucency
- A wide range of indications for restorations from coping to long-span bridge
- Reproduce Vita shades perfectly
- Stable and reproducible results



Technical data	
Flexural strength(3-point)	1250±100 Mpa
Translucency	43%
Vickers-hardness HV10	1300±50
Density	>3 (g/cm ³)
Sintered Density	>6.02 (g/cm ³)
Chemical solubility	<50(μg/cm ³)
Radioactivity	<0.1/Bq.g ⁻¹
Fracture toughness	>5.5/(Mpa.m ^{1/2})
CTE	(10.5±0.5)*10 ⁻⁶ K ⁻¹



Indication						
Inlay & Onlay	Full contour crown	Coping	Full contour anterior bridge (3 unit)	Full contour posterior bridge (3 unit)	Full contour bridge (≤ 7unit)	Full contour bridge (≤ 14unit)

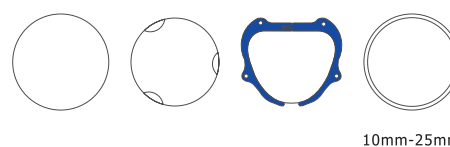
SHT-Preshade

Create the best smile with high efficiency

- Excellent strength combined with 46% translucency
- A wide range of indications for full contour restorations
- Reproduce Vita shades perfectly
- Efficiency and ideal results



Technical data	
Flexural strength(3-point)	1000±100 Mpa
Translucency	46%
Vickers-hardness HV10	1300±50
Density	>3 (g/cm ³)
Sintered Density	>6.02 (g/cm ³)
Chemical solubility	<50(μg/cm ³)
Radioactivity	<0.1/Bq.g ⁻¹
Fracture toughness	>5/(Mpa.m ^{1/2})
CTE	(10.5±0.5)*10 ⁻⁶ K ⁻¹



Indication							
Inlay & Onlay	Reduced crown	Full contour crown	Coping	Full contour anterior bridge (3 unit)	Full contour posterior bridge (3 unit)	Full contour bridge (≤ 7 unit)	Full contour bridge (≤ 14 unit)

Aconia® Zirconia

Aconia® 3D Multilayer Technology



Percentage above represents the thickness of each parts in the disc

- 3D - Shade+Strength +Translucency
- Excellent esthetic properties with integrated shade and seamless gradient
- Efficient, economical processing without the staining procedure
- Simplified Zirconia material selection through wide indication application options
- Simplified the nesting process
- Consistent color matching

What is 3D Multilayer?

- Gradient Chroma:**
Increasing chroma from the top to bottom.
- Gradient translucency:**
Increasing translucency from bottom to top
- Gradient flexural strength:**
Increasing flexural strength from top to bottom

3D Multilayer	Translucency	Flexural strength
Aconia® <i>TTML</i>	49% ↕ 46%	600MPa ↕ 900MPa
Aconia® <i>SHTML</i>	46% ↕ 43%	900MPa ↕ 1100MPa

Coloring Liquids Standard & Master



50ml

Standard

- Precisely matched to VITA® 16 color system
- Well-suited for both dipping and brushing (paint-on) methods
- Fast-coloring & no color difference between pontic and neighboring crowns
- Ideal results applied on Aconia white blanks by Aconia Coloring Technology

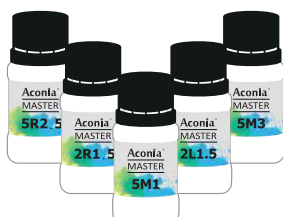
The terms marked with * are registered trademarks and/or brand names of the respective companies.



Master

- Precisely matched to VITA® 26 color system
- Well-suited for both dipping and brushing (paint-on) methods
- Fast-coloring & no color difference between pontic and neighboring crowns
- Ideal results applied on Aconia white blanks by Aconia Coloring Technology

The terms marked with * are registered trademarks and/or brand names of the respective companies.



50ml





OF
EXCELLENCE



WHERE **TRUST** COMES **FIRST**



**Warranty Ke Saath Bhi
Warranty Ke Baad Bhi**

For Sales Queries

 85277 00805

 cadcamcrm@unicorndenmart.com

Customer Care

 011-45551250, 95994 48518

 care@unicorndenmart.com | care1@unicorndenmart.com



SCAN TO VISIT OUR WEBSITE



Corporate Office: 3 Local Shopping Centre, MOR Land, Near J Block DDA Market,
New Rajender Nagar, New Delhi – 110060

    /unicorndenmart.com

* Accessories shown may not be a part of standard equipment. Specifications are subject to change without notice.

Ver 12/2024