

Aconia[®] 3D ST Multilayer

Perfectly Integrating Strength and Aesthetics



Gradient
translucency

42% ↔ 45%

Gradient
strength

1000 MPa ↔ 1200 MPa

NEW

BSM 贝施美
BESMILE

Aconia[®]

Technology creates the best smile

ST-ML Multilayer

NMPA 0197



BSM 贝施美[®]
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1. Perfect integration: Strength+Aesthetics

- Stronger strength up to 1200 MPa, while translucency up to 45%
- Ideal for up to full-arch aesthetic restorations

2. 3D seamless gradient: Shade+Strength+Translucency

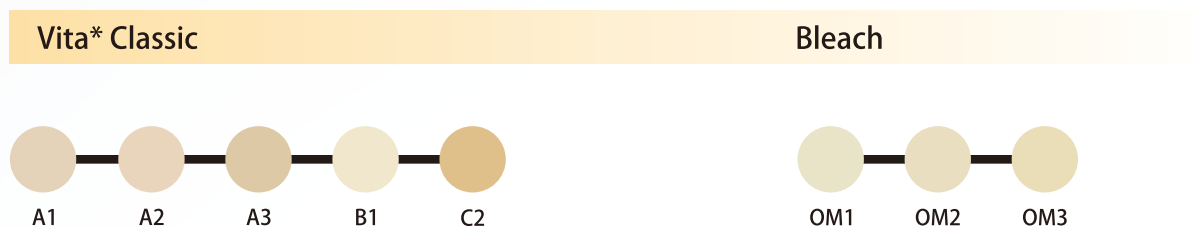
- Natural shade transition, no transition layers
- Gradient strength&translucency, reproducing the natural teeth
- Highly consistent shrinkage, ensuring the coherent final results

3. Efficient processing without coloring procedure needed

- No coloring needed, making the processing easy & efficient



Available Shades



Technical Data			
Available thickness	14/18/22mm	Sintered Density	>6.02 (g/cm ³)
Flexural Strength (3-Point)	1000-1200MPa	Fracture Toughness (Indentation Method)	>5.5(Mpa.m ^{1/2})
Translucency	42-45%	Chemical Solubility	<50(μg/cm ²)
Vickers-hardness HV10	1300±50	Radioactivity	<0.1
Surface Monoclinic Phase Content (after accelerated aging)	<15%(Bq·g ⁻¹)	CTE (span25°C~500°C)	(10.5±0.5) *10 ⁻⁶ K ⁻¹

Versatile Indications

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