

# Aconia<sup>®</sup> 3D ST Multilayer

Perfectly Integrating Strength and Aesthetics



Gradient translucency 42% ↔ 45%

Gradient strength 1000 MPa ↔ 1200 MPa

**NEW**



**BSM**

## 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

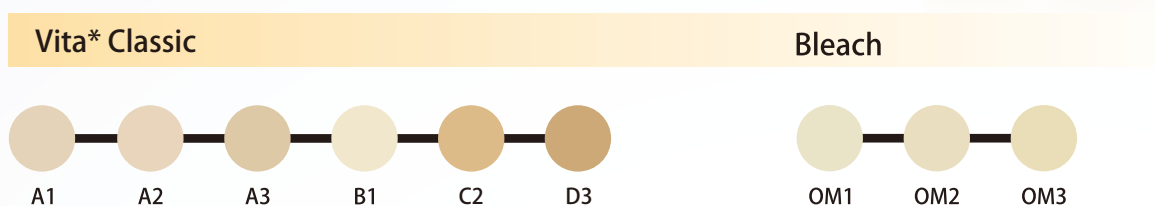
- Natural shade transition, no transition layers
- Gradient strength&translucency,reproducing the natural teeth
- Highly consistent shrinkage,ensuring the coherent final results

## 3. Efficient processing without coloring procedure needed

- No coloring needed,making the processing easy &efficient



### Available Shades



For other color requirements, please contact sales for customized production.

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

### 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)



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