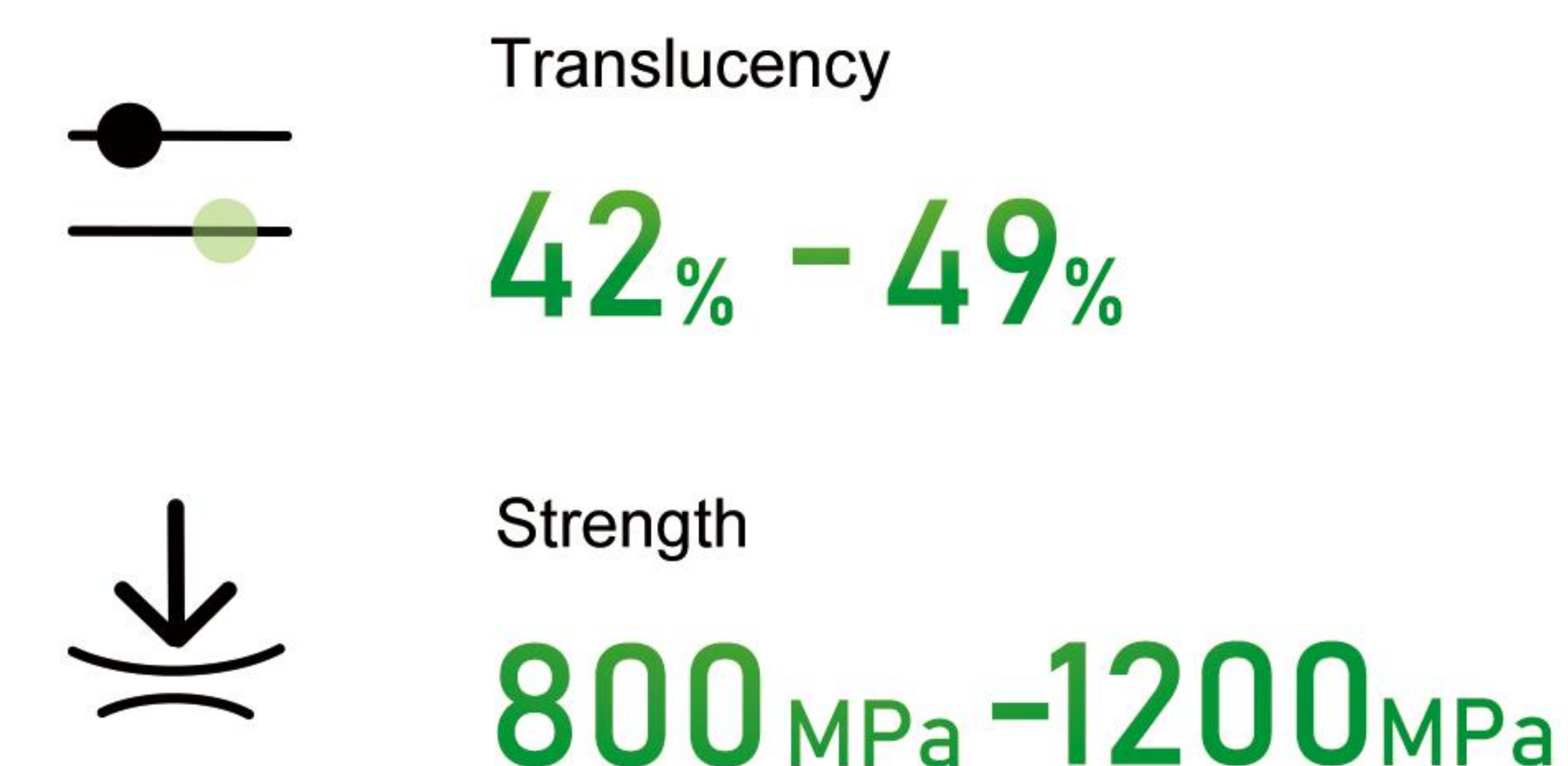
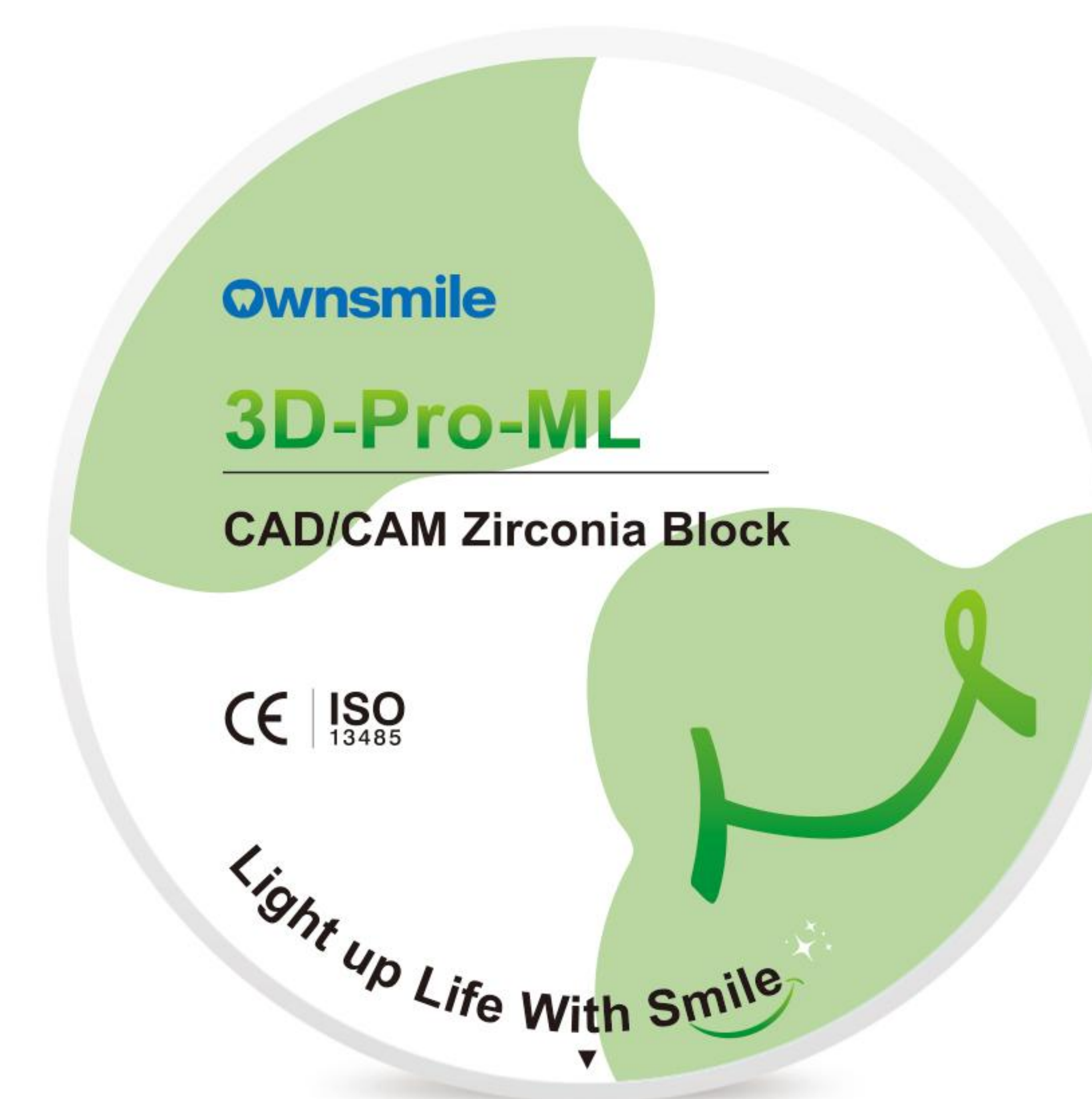


9-layer gradient

3D-PRO-ML zirconia block offers a wide selection of 16 VITA Classical Shades and 4 Bleach Shades to match the natural color of teeth, ensuring seamless integration into your patient's smile. With a balanced combination of natural light diffusion and exceptional durability, it's the ideal choice for crowns, bridges, and other dental restorations, delivering both strength and beauty.



3D-Pro Multilayer



- Design principle: safety first, aesthetic compatible
- Vita 16 shade+ivoclar 4 bleach shade

Application system



Shade



Physical Characteristics

Sintered Density	≥6.05 g/cm ³
Vickers Hardness	(Hv10)1250
Fracture Toughness	5.0-6.5 Mpa.m ^{1/2}
Sintering Temperature	1500°C
Thickness	10mm /12mm /14mm /16mm/18mm /20mm /22mm /25mm /30mm

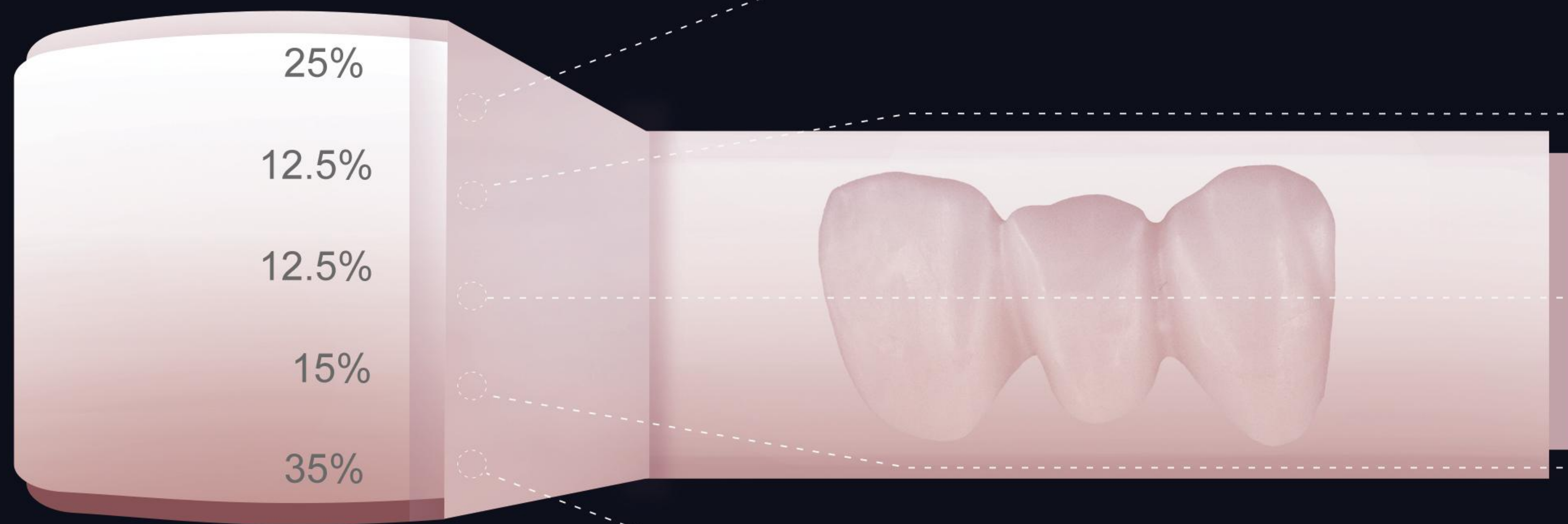
Chemical Composition

ZrO ₂ +HfO ₂ +Y ₂ O ₃	≥99%
Y ₂ O ₃	4.5%-8.0%
Al ₂ O ₃	< 0.15%
Other Oxides	< 0.5%

Indications



3D-Pro Multilayer



25% Enamel layer
49% Translucency, 800MPa Strength

12.5% Transition layer 1
47% Translucency, 900MPa Strength

12.5% Transition layer 2
45%Translucency, 1000MPa Strength

15% Transition layer 3
43% Translucency, 1100MPa Strength

35% Dentine layer
42% Translucency, 1200MPa Strength

High Strength and translucency

The strength of Ownsmile 3D-Pro Multilayer Zirconia Block is up to 800-1200MPa which can fully meet the strength requirements of laboratories for a broad of indications. High translucency (42%-49%) can achieve bionic effect, ensuring an excellent aesthetic experience for patients.

Layerless Natural Transition

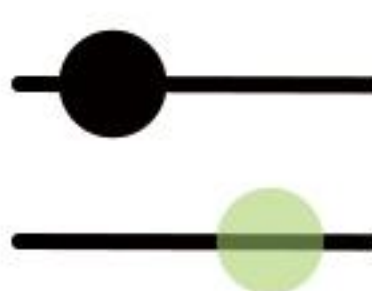
5 layers of zirconia powder overlay, giving 9 layers smooth color gradient without visible layer. Its multilayer shade gradation brings us with exceptional aesthetic performance while simplifying the aesthetic restoration process.

Durability

100% Sinocera® zirconia powder and adopt pure glue free process, which improves the twisting strength and ensures the stability of various technical indicators of the zirconia blocks.



Highest Flexural
Strength and Durability



Exceptional Aesthetics
and Translucency



9 layers natural
shade gradient

