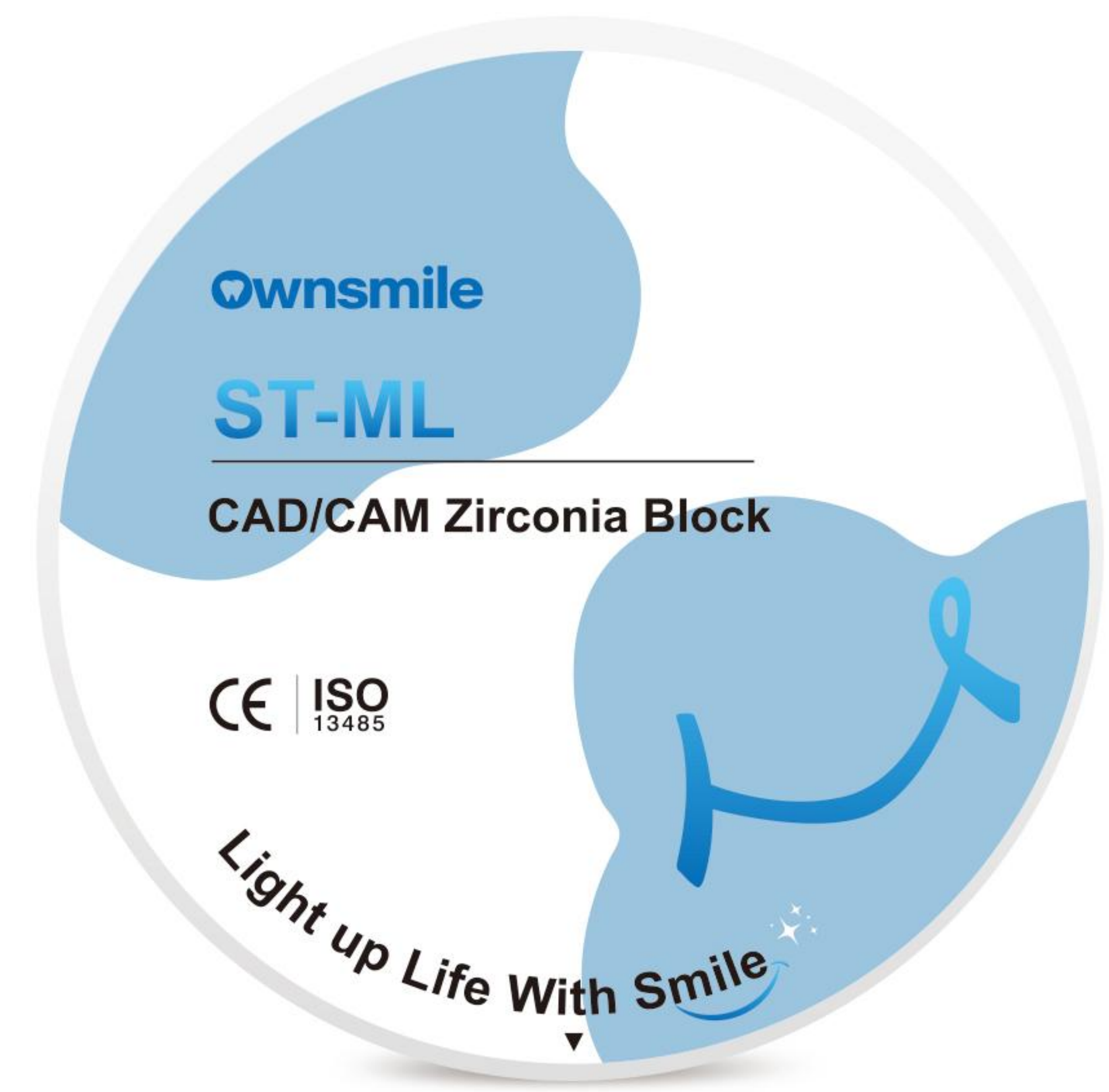


ST Series

Physical Characteristics		ST Multilayer	ST Pre-shaded	ST White
Sintered Density		≥6.09g/cm ³	≥6.09 g/cm ³	≥6.09 g/cm ³
Vickers Hardness		(Hv10)1250	(Hv10)1250	(Hv10)1250
Fracture Toughness		6.5 Mpa.m ^{1/2}	6.5 Mpa.m ^{1/2}	6.5 Mpa.m ^{1/2}
Sintering Temperature		1530℃	1530℃	1530℃
Thickness	10mm /12mm /14mm /16mm/18mm /20mm /22mm /25mm /30mm			
Chemical Composition				
Z r O ₂ +H f O ₂ +Y ₂ O ₃		≥99%	≥99%	≥99%
Y ₂ O ₃		4.5%-6.0%	4.5%-6.0%	4.5%-6.0%
A l ₂ O ₃		< 0.15%	< 0.15%	< 0.15%
Other Oxides		< 0.5%	< 0.5%	< 0.15%

ST Multilayer



Translucency

42%

Strength

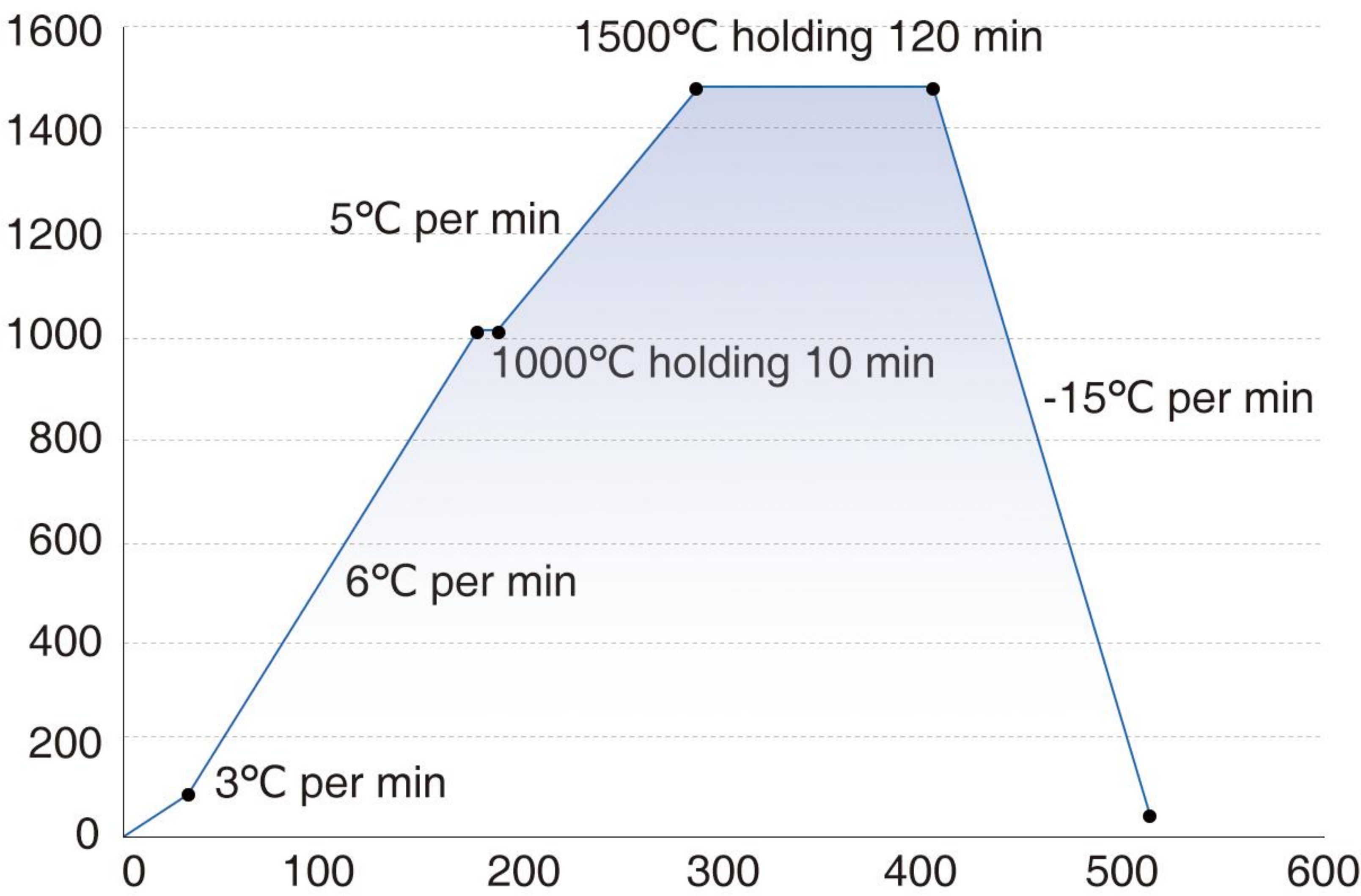
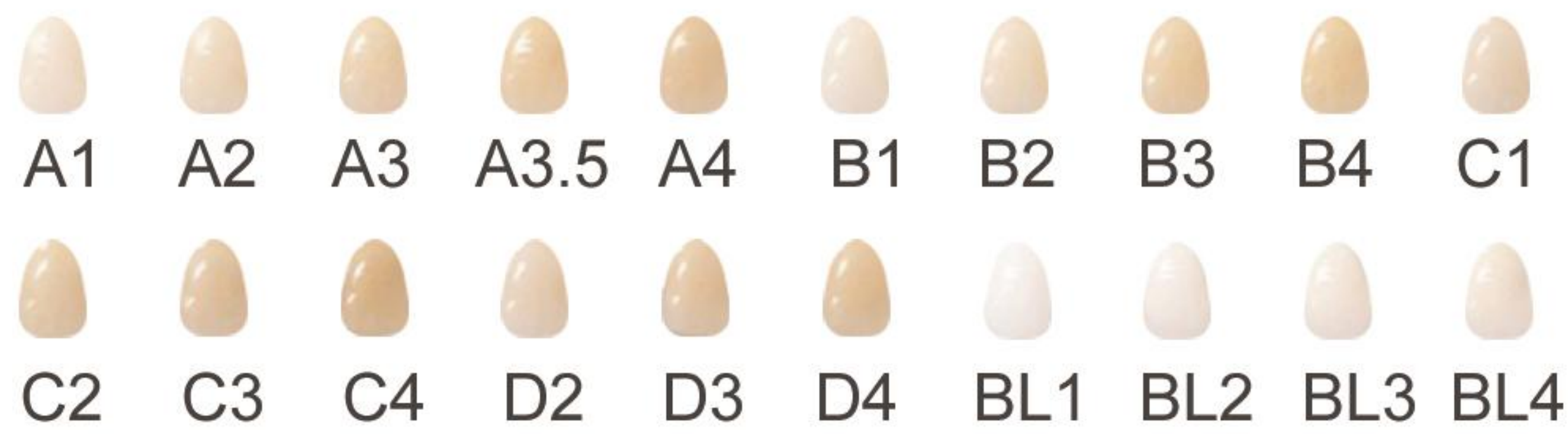
1100MPa

Ownsmile ST multilayer Zirconia achieves color gradient from the cervical to incisal, better simulating the color and layering of natural teeth, offering a ideal solution for creating high aesthetic and durable restorations.

Application system



Shade



Indications

