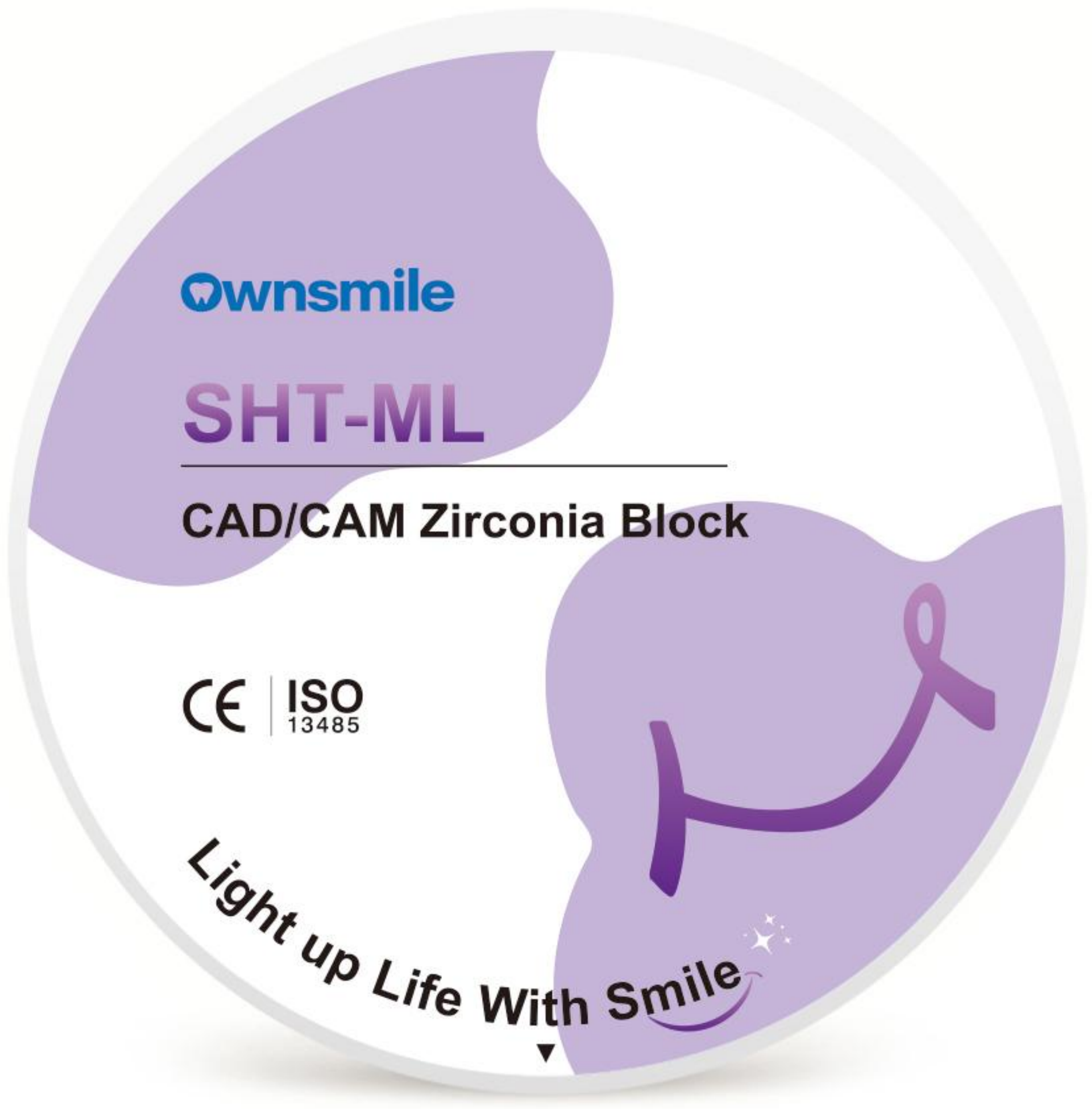


SHT Series

Physical Characteristics		SHT Multilayer	SHT Pre-shaded	SHT White
Sintered Density		≥6.08 g/cm ³	≥6.08 g/cm ³	≥6.08 g/cm ³
Vickers Hardness		(Hv10)1250	(Hv10)1250	(Hv10)1250
Fracture Toughness		5.3-6.3 Mpa.m ^{1/2}	5.7 Mpa.m ^{1/2}	5.7 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		7.0%-7.8%	7.0%-7.8%	7.0%-7.8%
A l ₂ O ₃		< 0.15%	< 0.15%	< 0.15%
Other Oxides		< 0.5%	< 0.5%	< 0.15%

SHT Multilayer



Translucency

44%-47%

Strength

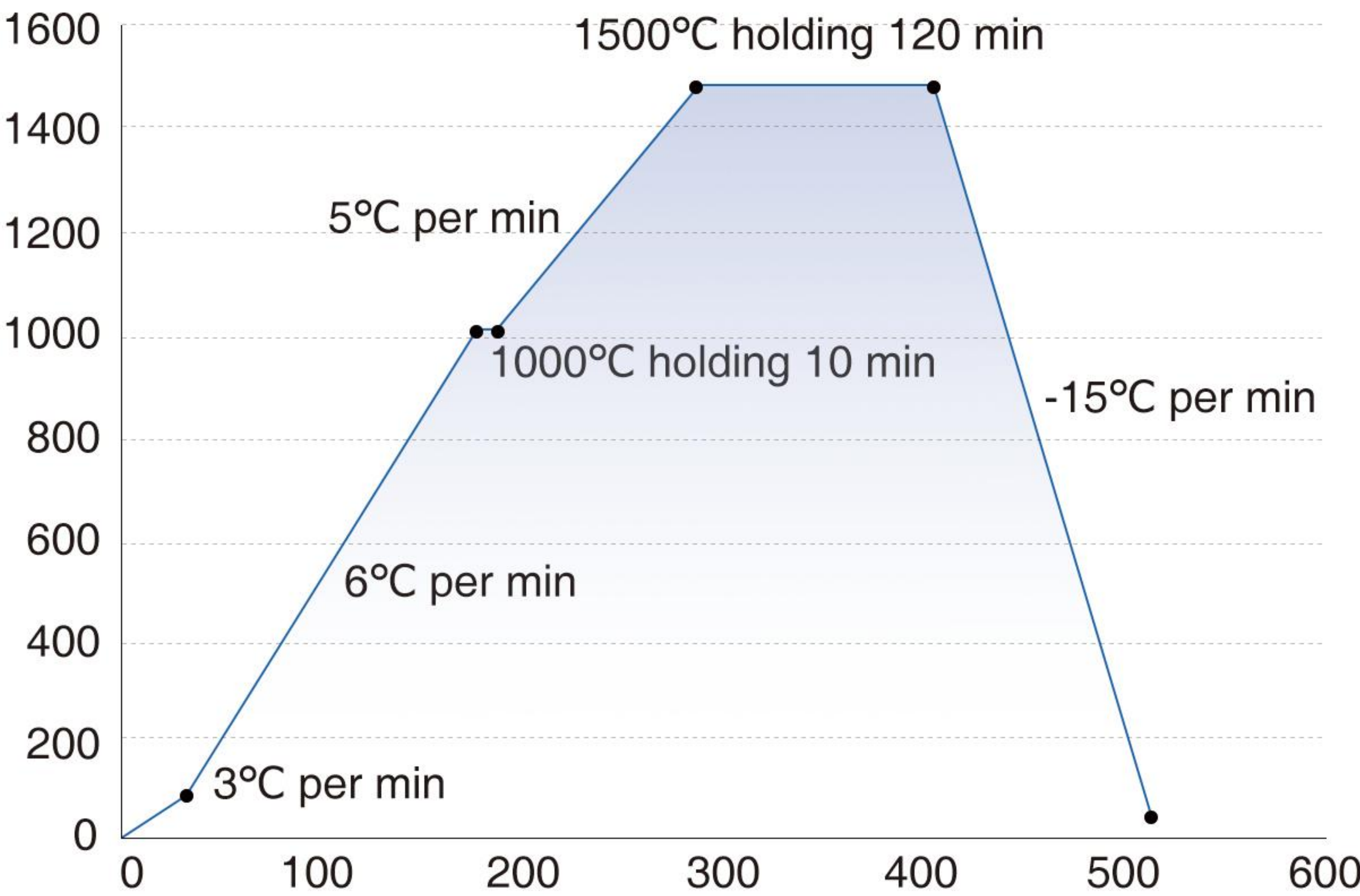
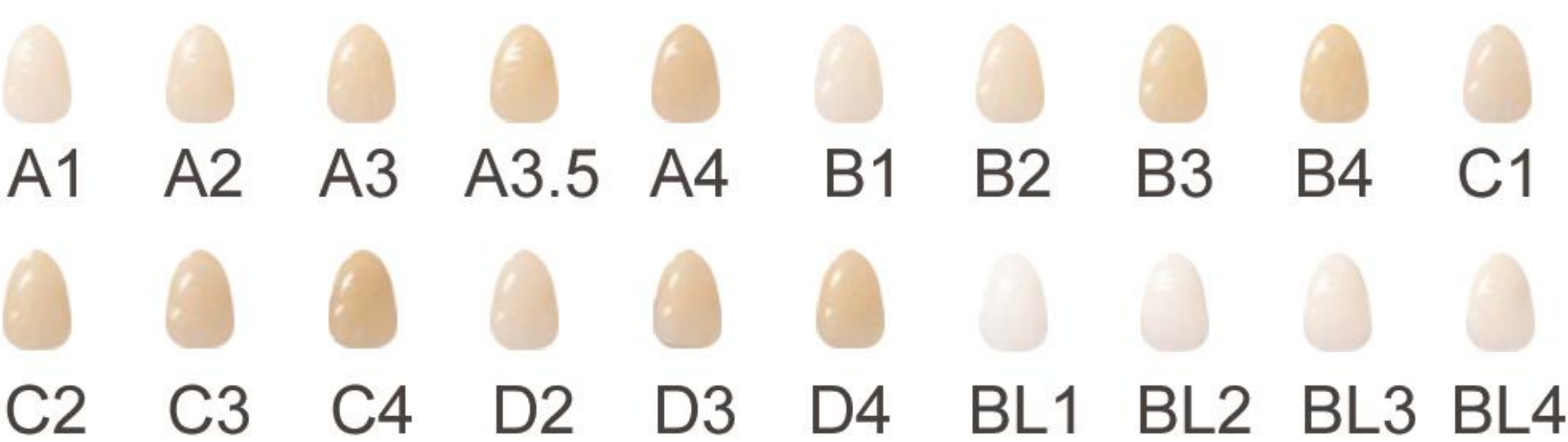
800-1050MPa

SHT Multilayer Zirconia Block offers exceptional translucency while maintaining outstanding strength, perfectly balancing aesthetics and durability. It is the perfect choice for high aesthetic demands in anterior restorations.

Application system



Shade



Indications

