

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				
ZrO ₂ +HfO ₂ +Y ₂ O ₃		≥99%	≥99%	≥99%
Y ₂ O ₃		7.0%-7.8%	7.0%-7.8%	7.0%-7.8%
Al ₂ O ₃		< 0.15%	< 0.15%	< 0.15%
Other Oxides		< 0.5%	< 0.5%	< 0.15%

SHT Pre-shaded



Translucency

45%

Strength

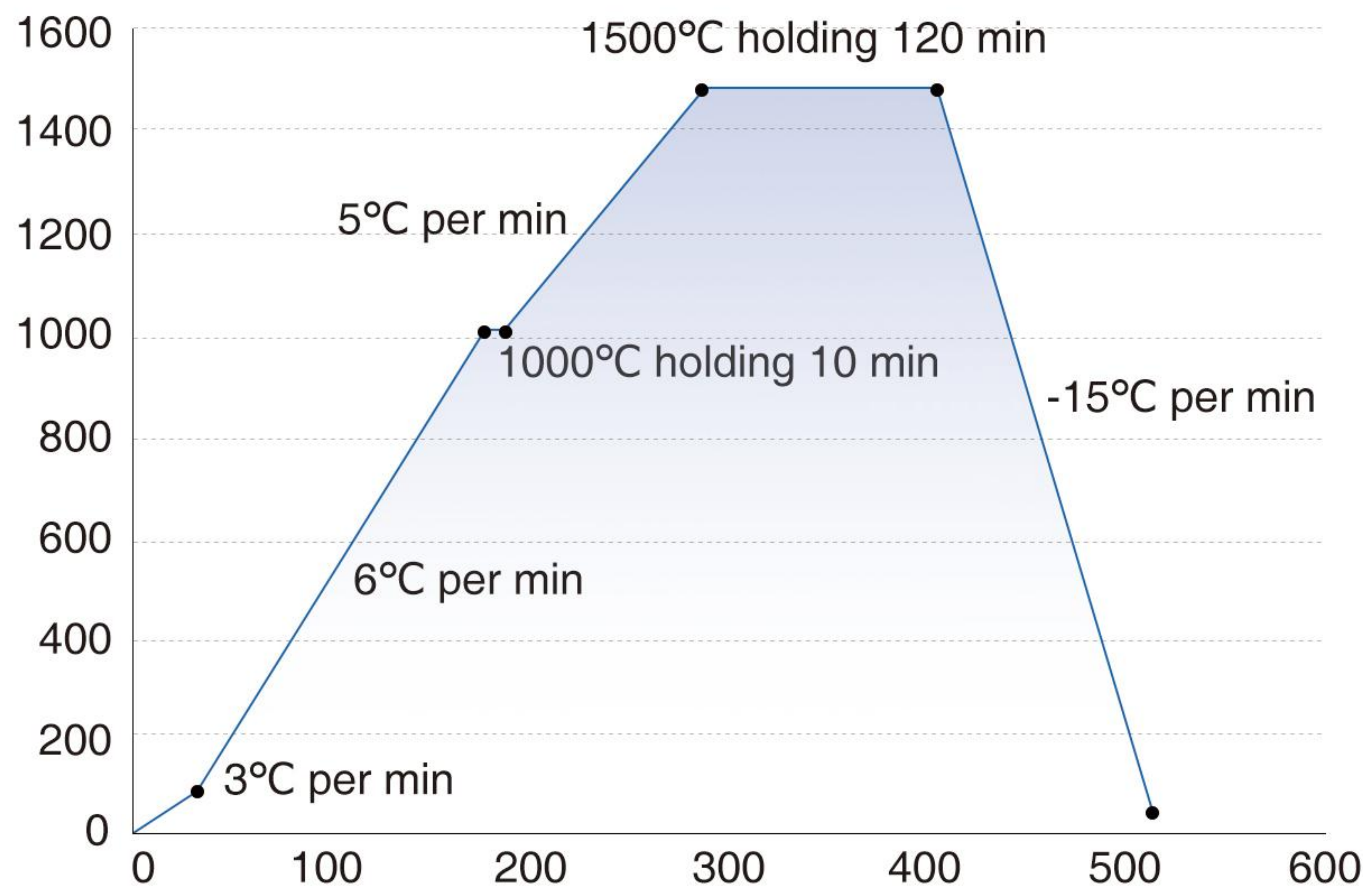
900 MPa

The SHT-C zirconia block combines high translucency with rich, natural color shades, making it the perfect choice for crafting esthetically pleasing and strong dental restorations.

Application system



Shade



Indications

