


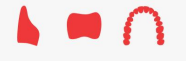
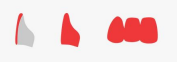
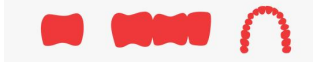




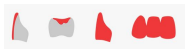




Properties\grade			
Sintering Temperature	1500 °C	1500 °C	1450 °C
3-Point Bending Strength	600 MPa (incisal) 1200 MPa (cervical)	600 MPa (incisal) 900 MPa (cervical)	≥ 900 MPa
Translucency	48% (incisal) 42% (cervical)	48% (incisal) 44% (cervical)	~ 44%
Vickers Hardness (Hv10)	> 1200	> 1200	> 1200
Typical indication	Full Zirconia Anterior Veneer, Crown, Bridge, arch	Full Zirconia Anterior Veneer, Crown, Bridge	Full Zirconia Posterior Crown, Bridge, Long-span Bridge,
			
Applicative Systems	Open System, Amann Girrbach System, ZirKon Zahn System		
Shades	Vita classic 16, BL1, BL2, BL3		
Available Thickness	14, 16, 18, 22, 25mm		

Properties				
Sintering Temperature	1450 °C	1450°C	1530°C	1530°C
3-Point Bending Strength	≥ 600 MPa	≥ 900 MPa	≥ 1200 MPa	≥ 1300 MPa
Translucency	~ 48%	44%	42%	40%
Vickers Hardness (Hv10)	> 1200	> 1200	> 1200	> 1200
Typical Indication	Full Zirconia, Anterior Veneer, Inlay, Crown, Bridge	Full Zirconia, Coping Anterior, Posterior Inlay, Coping, Crown, Full Arch	Full Zirconia, Coping Posterior Bridge, Full Arch, framework	
				
Coloring Liquid	Not available	Available		
Pre-shaded Blank	16 VITA Classic Shades, BL1, BL2, BL3			
Applicative Systems	Open System, Amann Girschbach System, ZirKon Zahn System			
Available Thickness	10 mm, 12 mm, 14 mm, 16 mm, 18 mm, 20 mm, 22 mm, 25 mm, Customization			

Dental Zirconia Block : 3D/4D ML

[Physical and Chemical properties]

Sintered density: $\geq 6.02 \text{ g/cm}^3$;

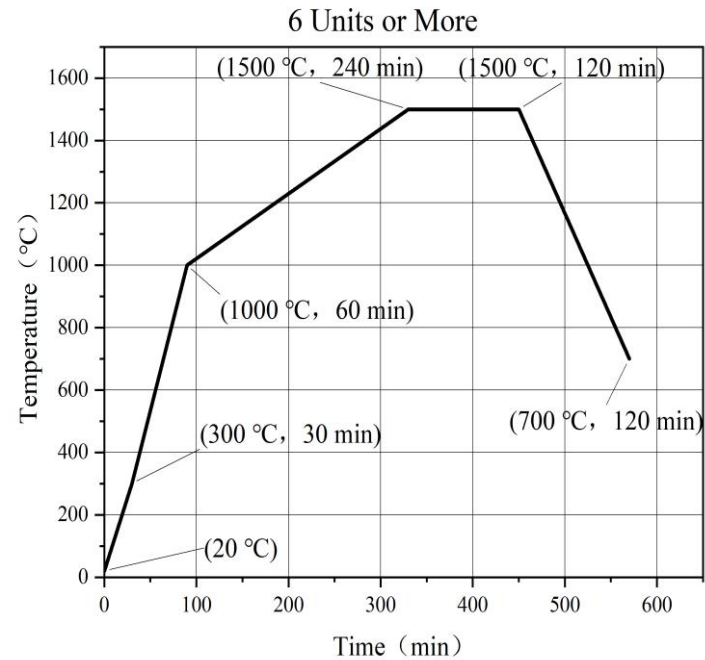
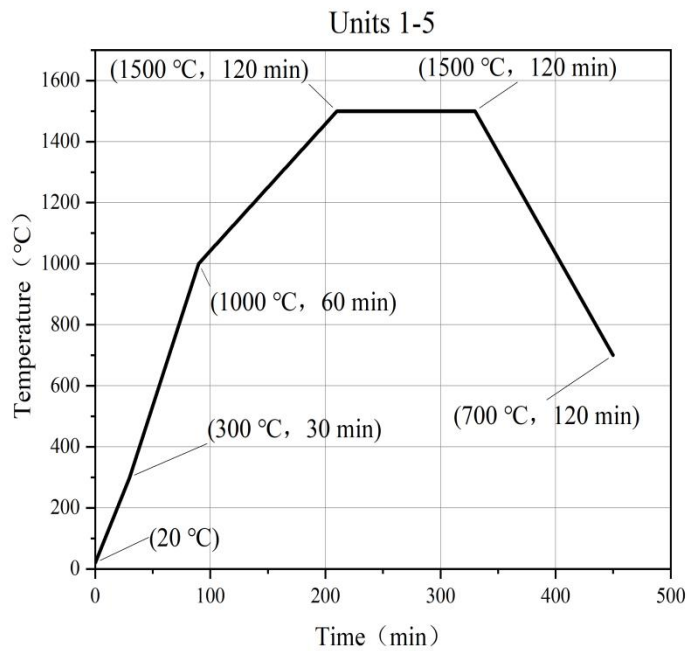
Sintered bending strength: 600 ~ 900 MPa/600-1200Mpa

Translucency: check table above

Optimize Max temperature: 1500°C.

Holding time at Max temperature: 120min.

Do not open the furnace door above 80°C to avoid thermal shock stress



Dental Zirconia Block: UT, SHT, SHTML

[Physical and Chemical properties]

Sintered density: $\geq 6.02 \text{ g/cm}^3$;

Sintered bending strength : check table above

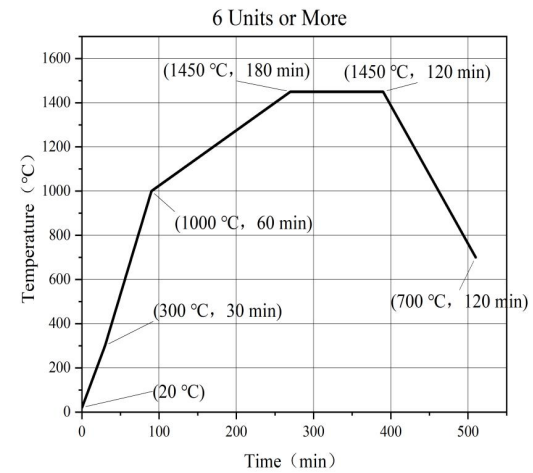
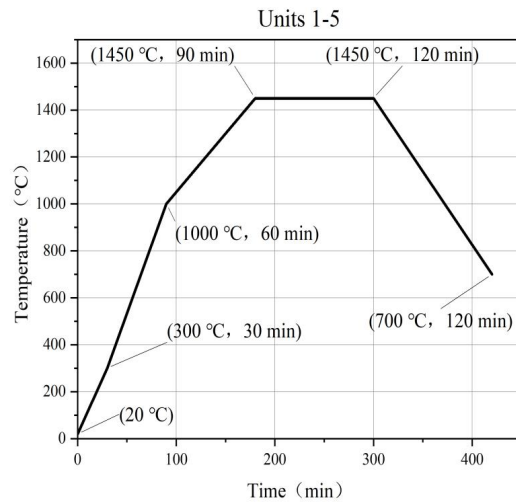
Translucency: check table above

Optimize Max temperature: 1450°C.

Holding time at Max temperature: 120min.

Do not open the furnace door above 80°C to

avoid thermal shock stress



Dental Zirconia Block: HT/ HT shaded, ST/ST shaded

【Physical and Chemical properties】

Sintered density: $\geq 6.02 \text{ g/cm}^3$;

Sintered bending strength : 1200 MPa;

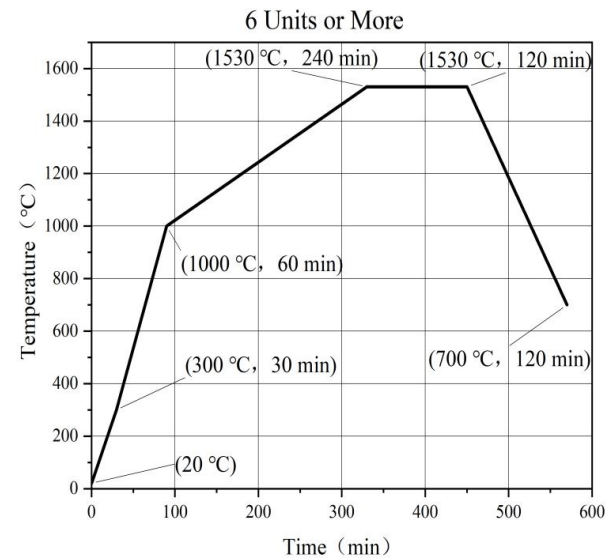
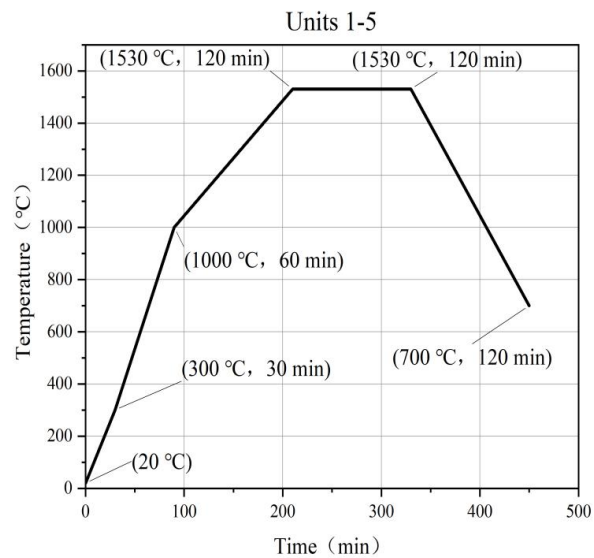
Translucency: see above table



Optimize Max temperature: 1530°C.

Holding time at Max temperature: 120min.

Do not open the furnace door above 80°C to

avoid thermal shock stress



Properties\grade		
Sintering Temperature	760-840°C	-
3-Point Bending Strength	530 MPa	100 Mpa.
-	2 translucency level, HT – High Translucency, MT – Medium Translucency	Modulus of Elasticity: 100MP Density: 1.35-1.45g/cm ³ Water Absorption: < 0.04% Component: PMMA>99%; Pigment <1%
Size available	C14, C16, B32	14,16,18,20,22,25mm D98
Typical indication	crowns, bridges, inlays, onlays, veneers, partial crowns and implant-supported hybrid restorations	Temporary crowns – Temporary bridges with up to two connected pontics Implant-supported temporary hybrid abutment crowns
Color available	Available in shades BL3, A1, A2, A3, A3.5, B1, B3, C2, D2	Available in shades BL3, A1, A2, A3, A3.5, B1, B3, C2, D2