

SMILE 15°

Made from Premium Multilayer Zirconia



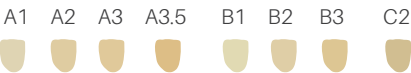


Vickers Hardness(HV)	≥ 1250	
Strength(Mpa)	650	⇒ 900
Color	Incisal	⇒ Cervical
Translucency	55%	⇒ 49%
Fracture toughness	> 5MPa.m ^{1/2}	

Chemical Composition		Properties	
ZrO ₂ +HfO ₂ +Y ₂ O ₃ +AL ₂ O ₃	≥99wt%	Sintering Density	6.0g/cm ³
Y ₂ O ₃	7wt%- 10wt%	Bending Strength	650MPa-900MPa
AL ₂ O ₃	≤0.5wt%	Vickers Hardness	≥ 1250HV
Other Oxides	≤0.5wt%	Chemical Solubility	< 100µg/m ²

Regular providing pre-shaded blanks:

Other shades in Vita Classical shades are available with MOQ request



Indications						
Full contour for anterior	Veneer	Full contour for posterior	Coping	Inlay/Onlay	Telescope	Bridge for Up to 3 Units