

SHT MULTILAYER

Infinite Gradient of Beauty

- Natural color transition
- 47% Enamel-like translucency
- Optimized combination of strength and translucency





Vickers Hardness(HV)	≥ 1300
Strength(Mpa)	1050
Color	Incisal ↔ Cervical
Translucency	47%
Fracture toughness	>5MPa.m ^{1/2}

Chemical Composition		Properties	
ZrO ₂ +HfO ₂ +Y ₂ O ₃ +AL ₂ O ₃	≥98wt%	Sintering Density	6.0g/cm ³
Y ₂ O ₃	4wt%-10wt%	Bending Strength	≥1050MPa
Other Oxides	≤2wt%	Vickers Hardness	≥1300HV
		Chemical Solubility	<100μg/m ²

Regular providing pre-shaded blanks: A1 A2 A3 A3.5 B1 B2 B3 C2

Other shades in Vita Classical shades are available with MOQ request

Indications

Full contour for anterior	Veneer	Full contour for posterior	Coping	Inlay/Onlay	Crown bridge 5-7 units	Crown bridge full arch	Post& core
Telescope	Maryland bridge						