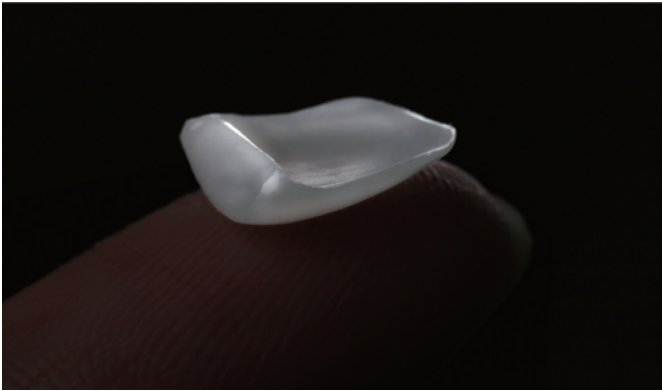


# TT•AIR ZIRCONIA VENEER

Ultra-thin 0.1mm



Thin as cicada wings, light as clouds



Vickers Hardness(HV)	≥ 1250
Strength(Mpa)	650
Translucency	60%
Fracture toughness	>5MPa.m <sup>1/2</sup>

Chemical Composition		Properties	
ZrO <sub>2</sub> +HfO <sub>2</sub> +Y <sub>2</sub> O <sub>3</sub> +AL <sub>2</sub> O <sub>3</sub>	≥98wt%	Sintering Density	6.0g/cm <sup>3</sup>
Y <sub>2</sub> O <sub>3</sub>	4wt%-10wt%	Bending Strength	≥650MPa
Other Oxides	≤2wt%	Vickers Hardness	≥1250HV
		Chemical Solubility	64μg/m <sup>2</sup>

## Indications



Veneer



Inlay/Onlay