



SeaDental®
Your smile is supported

HT High Translucent Zirconia Block



Vickers Hardness(HV)	>1250		
Strength(MPa)	1250		
Color	White		
Translucency	43%		
Fracture toughness	>5MPa.m ^{1/2}		



Chemical Composition

ZrO ₂ +HfO ₂	>94.0wt%
Y ₂ O ₃	4.5wt%
AL ₂ O ₃	<0.5wt%
Other Oxides	<0.5wt%

Properties

Sintering Density	6.03g/cm ³
Flexural Strength	1250MPa
Vickers Hardness	>1250HV
Chemical Solubility	<100μg/m ²

INDICATIONS



Full contour
for posterior



Coping



Inlay/Onlay



Crown bridge 5-7 units



Crown bridge full arch



Post& core



Telescope



Maryland bridge



Anterior bridge with 4
consecutive pontics



Bridge with 1 unit
distal extensive pontic