



PRODUCT CATALOG FOR LAB



Dental 
Save Money. Business Better!

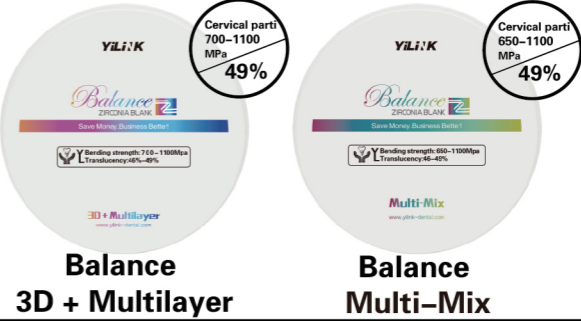


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HT ST SHT SHT Pro STC SHT ML 3D Pro Multi-Mix

3D



Multilayer



Color



White



Translucency →

Effect ↑



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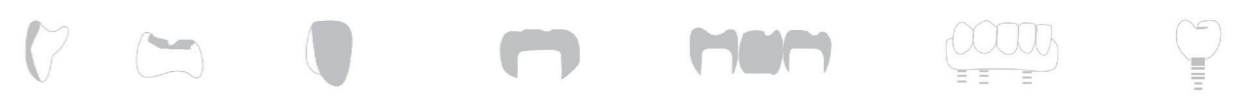
Physical characteristics:

Color	Vita 16 colors Hollywood White
Aesthetic	Super high translucency
Sintered density	≥ 6.0g/cm ³
Bending strength	650–1100MPa
Fracture toughness	≥ 5Mpa ^{1/2}
Hardness (Hv10)	≥ 1250



Multi-Mix Contour Zirconia Restoration Material

Recommended Indications



Veneer | Inlay | Anterior crown | Posterior crown | Full crown bridge | implant retained bridge | implant bridge

Colors



System

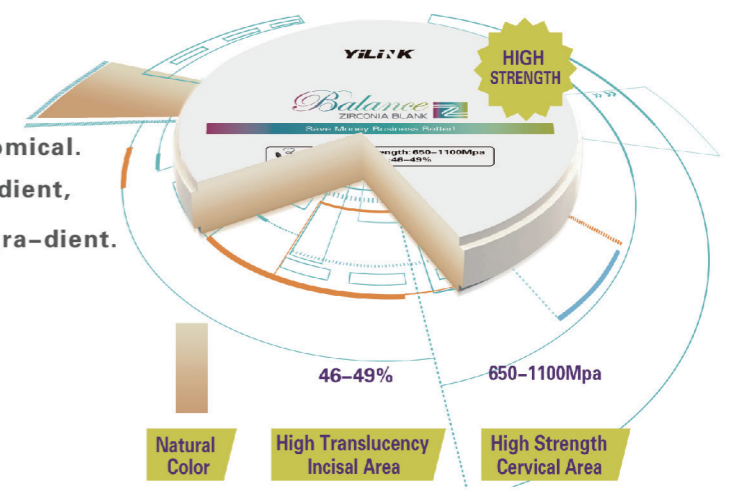


Thickness

- 12mm
- 14mm
- 16mm
- 18mm
- 20mm
- 22mm
- 25mm

Advantage

- Multi-Mix is a digital material. It is faster, it is better and high economical.
- Best natural esthetic thanks Colorgradient, Translucency gradient and Strength gradient.



3D + Multilayer



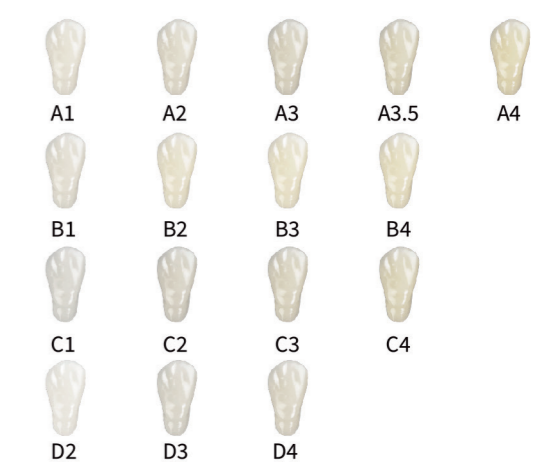
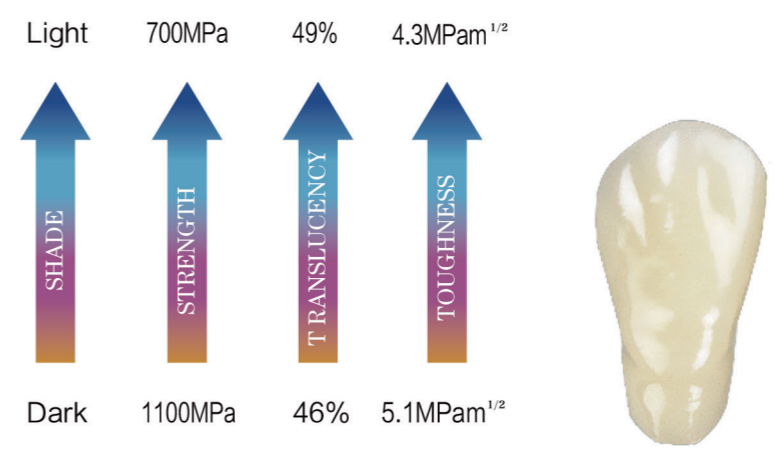
- Suitable for all indications

- Physical Characteristics

Density before sintering (g.cm ⁻³)	3.15±0.05
Density after sintering (g.cm ⁻³)	6.07±0.02
CTE (25-500°C) (K ⁻¹)	10.5±0.5
Flexural strength after sintering (Mpa)	650
Accelerated aging surface monoclinic phase content	<15%
Light transmittance	<57%
Chemical solubiity after sintering (ug.cm ⁻¹)	<100
Cytotoxicity	0 Level
Radioactivity (Bq.g ⁻¹)	<0.1
Sintering temperature (°C)	1450-1510

- Chemical Composition

ZrO ₂ +HfO ₂ +Y ₂ O ₃	≥99%
Y ₂ O ₃	4.5%-10%
Al ₂ O ₃	<0.15%
Others oxides	<0.5%



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SHT ML Multilayer



SHT ML Multilayer



- Suitable for all indications

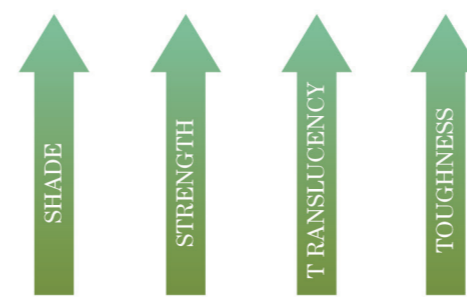
- Physical Characteristics

Density before sintering (g.cm ⁻³)	3.20±0.05
Density after sintering (g.cm ⁻³)	6.09±0.01
CTE (25–500°C) (K ⁻¹)	10.5±0.5
Flexural strength after sintering (Mpa)	1250
Accelerated aging surface monoclinic phase content	<15%
Light transmittance	43%
Chemical solubility after sintering (ug.cm ⁻¹)	< 100
Cytotoxicity	0 Level
Radioactivity (Bq.g ⁻¹)	<0.1
Sintering temperature (°C)	1500–1550

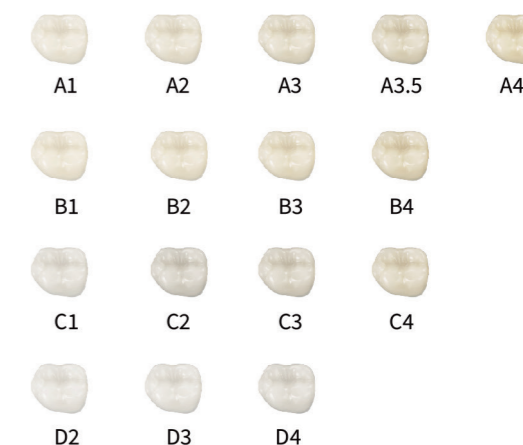
- Chemical Composition

ZrO ₂ +HfO ₂ +Y ₂ O ₃	≥99%
Y ₂ O ₃	4.5%–6.0%
Al ₂ O ₃	<0.5%
Others oxides	<0.5%

Light 1027MPa 46.69% 4.3MPam^{1/2}



Dark 1300MPa 43% 5.1MPam^{1/2}



YiLiNK

SHTC Zirconia



SHTC Zirconia



- Suitable for all indications

- Physical Characteristics

Density before sintering (g.cm ⁻³)	3.15±0.05
Density after sintering (g.cm ⁻³)	6.09±0.01
CTE (25-500°C) (K ⁻¹)	10.5±0.5
Flexural strength after sintering (Mpa)	1250
Accelerated aging surface monoclinic phase content	<15%
Light transmittance	<43%
Chemical solubility after sintering (ug.cm ⁻²)	< 100
Cytotoxicity	0 Level
Radioactivity (Bq.g ⁻¹)	<0.1
Sintering temperature (°C)	1500-1550

- Chemical Composition

ZrO ₂ +HfO ₂ +Y ₂ O ₃	≥99%
Y ₂ O ₃	4.5%-6.0%
Al ₂ O ₃	<0.5%
Others oxides	<0.5%



Inlay



Full crown bridge



Posterior crown



Full contour screw retained bridge



Screw retained crown





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SHTpro Zirconia

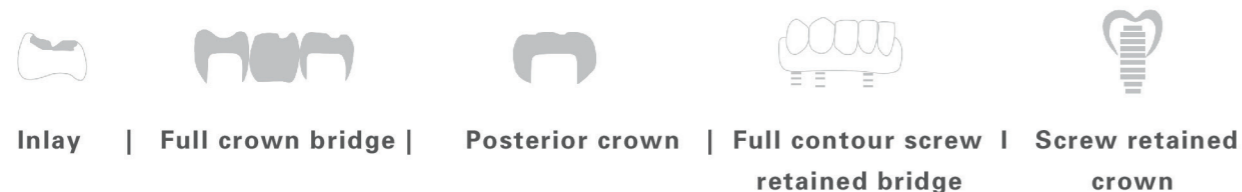
ZIRCONIA PROFESSIONAL EXPERT

Physical characteristics:

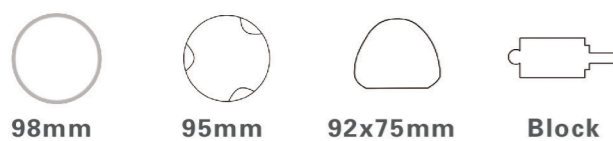
Color	White
Aesthetic	High translucency
Sintered density	≥ 6.0g/cm ³
Bending strength	≥ 1100MPa(*3-point bending)
Fracture toughness	≥ 5Mpam ^{0.5}
Hardness (Hv10)	≥ 1250

SHT pro (Super High Translucent Plus White Zirconia) full ceramic restoration material

Recommended Indications



System



Thickness

• 10mm	• 16mm	• 22mm
• 12mm	• 18mm	• 25mm
• 14mm	• 20mm	

Advantage

- Combining a special raw material process with a new manufacturing method leads to a brilliant translucency and bending strength.
- Keeping still a high strength, Honorzir increases the translucency compared to SHT material.
- Honorzir SHTPW is the combination of high strength and high translucency, which makes suitable for all indications in the restorative dentistry.



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SHT Zirconia

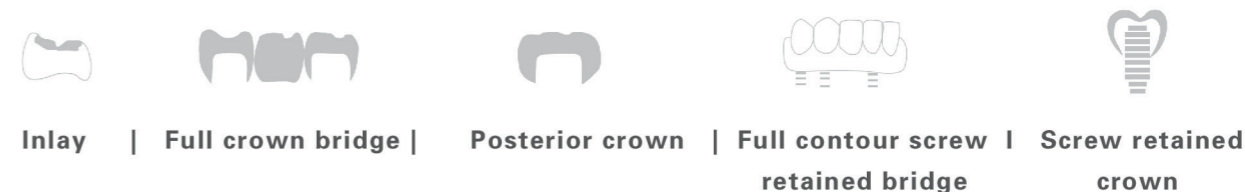
ZIRCONIA PROFESSIONAL EXPERT

Physical characteristics:

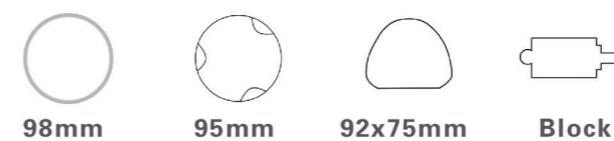
Color	White
Aesthetic	High translucency
Sintered density	≥ 6.0g/cm ³
Bending strength	≥ 1100MPa(*3-point bending)
Fracture toughness	≥ 5Mpam ^{0.5}
Hardness (Hv10)	≥ 1250

SHT(Super High Translucent Plus White Zirconia) full ceramic restoration material

Recommended Indications



System



Thickness

• 10mm	• 16mm	• 22mm
• 12mm	• 18mm	• 25mm
• 14mm	• 20mm	

Advantage

- Combining a special raw material process with a new manufacturing method leads to a brilliant translucency and bending strength.
- Keeping still a high strength, Honorzir increases the translucency compared to SHT material.
- Honorzir SHTPW is the combination of high strength and high translucency, which makes suitable for all indications in the restorative dentistry.

HT Zirconia

- Suitable for all indications

- Physical Characteristics

Density before sintering (g.cm ⁻³)	3.15±0.05
Density after sintering (g.cm ⁻³)	6.09±0.01
CTE (25–500°C) (K ⁻¹)	10.5±0.5
Flexural strength after sintering (Mpa)	1250
Accelerated aging surface monoclinic phase content	<15%
Light transmittance	39%
Chemical solubility after sintering (ug.cm ⁻³)	< 100
Cytotoxicity	0 Level
Radioactivity (Bq.g ⁻¹)	<0.1
Sintering temperature (°C)	1500–1550



- Chemical Composition

ZrO ₂ +HfO ₂ +Y ₂ O ₃	≥99%
Y ₂ O ₃	4.5%–6.0%
Al ₂ O ₃	<0.15%
Others oxides	<0.5%

ST Zirconia

- Suitable for all indications

- Physical Characteristics

Density before sintering (g.cm ⁻³)	3.15±0.05
Density after sintering (g.cm ⁻³)	6.09±0.01
CTE (25–500°C) (K ⁻¹)	10.5±0.5
Flexural strength after sintering (Mpa)	1250
Accelerated aging surface monoclinic phase content	<15%
Light transmittance	42%
Chemical solubility after sintering (ug.cm ⁻³)	< 100
Cytotoxicity	0 Level
Radioactivity (Bq.g ⁻¹)	<0.1
Sintering temperature (°C)	1500–1550



- Chemical Composition

ZrO ₂ +HfO ₂ +Y ₂ O ₃	≥99%
Y ₂ O ₃	4.5%–6.0%
Al ₂ O ₃	<0.15%
Others oxides	<0.5%

What We match 

HT-Plus Color Liquid



What We match 

HT-Plus Color Liquid

