YILINK

PRODUCT CATALOG FOR LAB

Dental

Save Money. Business Better!

YiLinK

Guangzhou YiLinK Medical Equipment Technology Co.,Ltd
Tel: 020-32208271
Web: WWW.yilink-medical.com
Fax: 020-32208069
Add: Building F 405, Software Science Park, No.11 Caipin Road, Luogang Science City, Huangpu District, Guangzhou.

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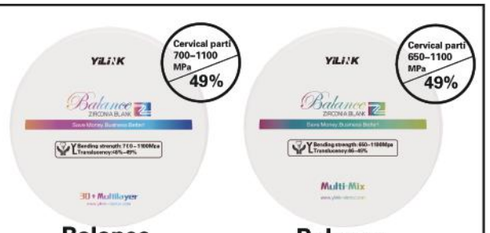
MEET ALL REQUTREMENTS

HT | ST | SHT | SHT Pro | STC | SHT ML | 3D Pro | Multi–Mix

3D



Balance 3D + Multilayer

Balance Multi–Mix

Multilayer

Balance SHT ML Multilayer

Color

Balance SHTC Zirconia

White

Balance HT Zirconia

Balance ST Zirconia

Balance SHT Zirconia

Balance SHT pro Zirconia

Translucency

Effect

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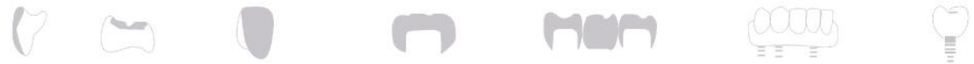
Physical characteristics:

Color	Vita 16 colors Hollywood White
Aesthetic	Super high translucency
Sintered density	⩾6.0g/cm³
Bending strength	650–1100MPa
Fracture toughness	⩾5Mpam$^{1/2}$
Hardness (Hv10)	⩾1250

Multi–Mix
Contour Zirconia Restoration Material

Recommended Indications



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

Colors

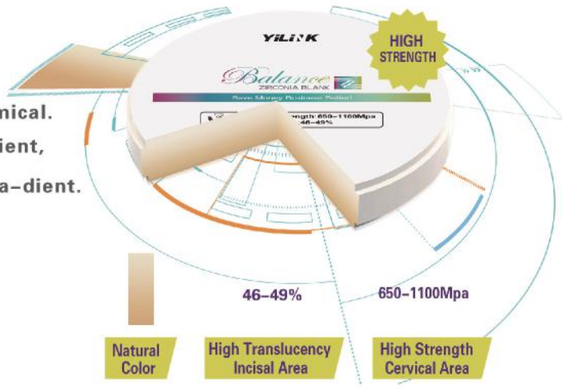
System

Thickness

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

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 gra–dient.



3D + Multilayer

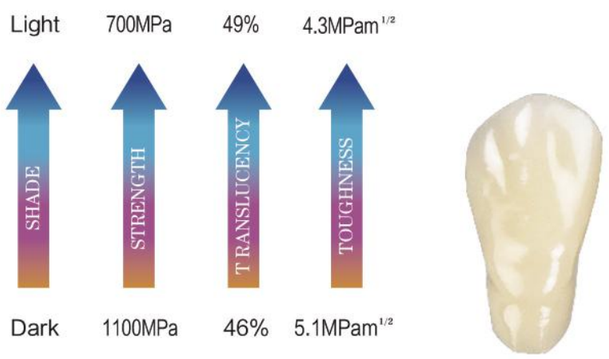
- Suitable for all indications

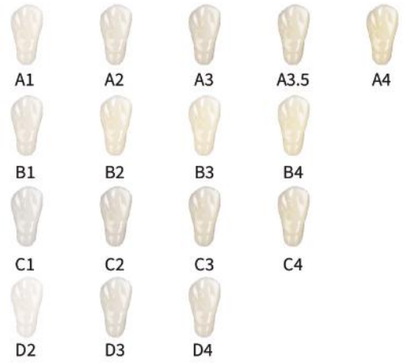
- Physical Characteristics

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

- Chemical Composition

$ZrO_2+HfO_2+Y_2O_3$	≥99%
Y_2O_3	4.5%-10%
Al_2O_3	<0.15%
Others oxides	<0.5%





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SHT ML Multilayer

SHT ML Multilayer

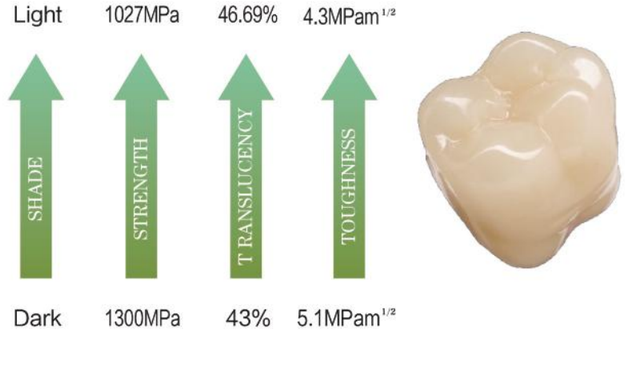
- Suitable for all indications

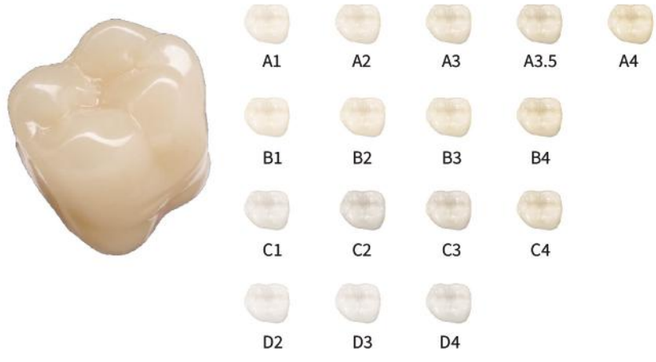
- Physical Characteristics

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

- Chemical Composition

$ZrO_2+HfO_2+Y_2O_3$	≥99%
Y_2O_3	4.5%-6.0%
Al_2O_3	<0.5%
Others oxides	<0.5%





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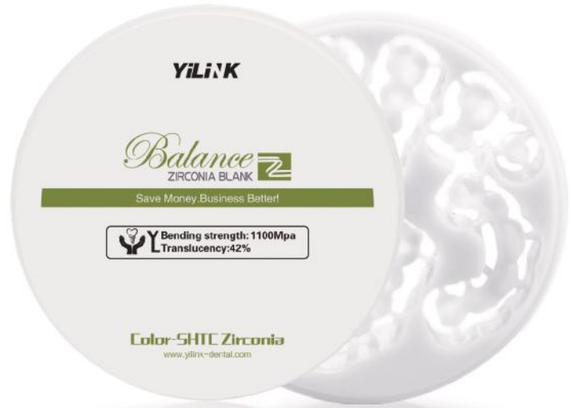
SHTC Zirconia

SHTC Zirconia



- Suitable for all indications

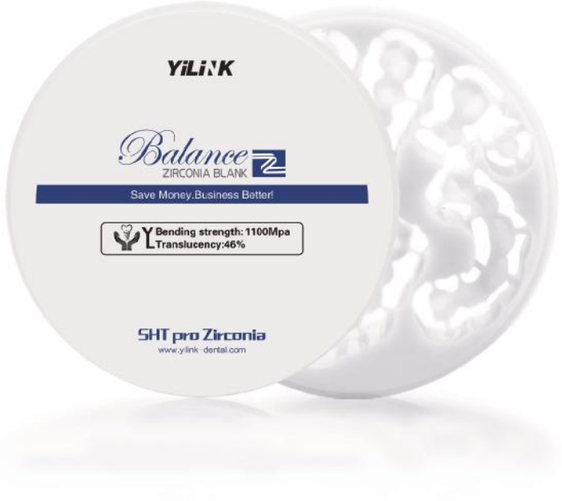
- Physical Characteristics

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

- Chemical Composition

$ZrO_2+HfO_2+Y_2O_3$	≥99%
Y_2O_3	4.5%–6.0%
Al_2O_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:

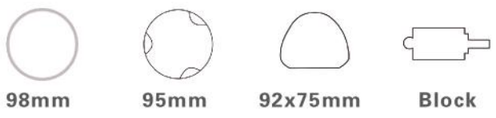
Color	White
Aesthetic	High translucency
Sintered density	⩾6.0g/cm³
Bending strength	⩾1100MPa(*3-point bending)
Fracture toughness	⩾5Mpam$^{0.5}$
Hardness (Hv10)	⩾1250

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

Recommended Indications

Inlay | Full crown bridge | Posterior crown | Full contour screw retained bridge | Screw retained crown

System



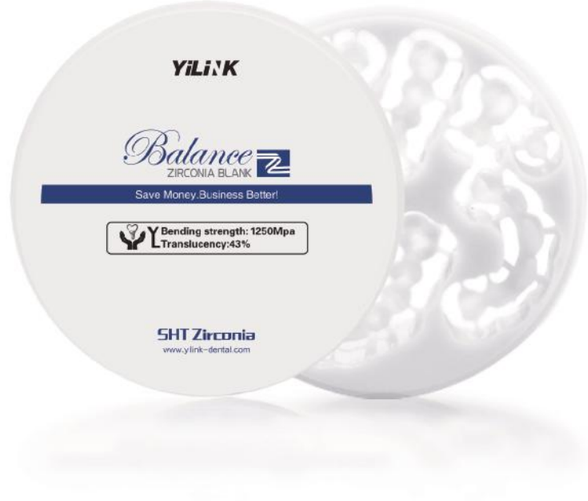
98mm 95mm 92x75mm Block

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:

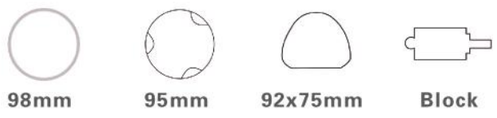
Color	White
Aesthetic	High translucency
Sintered density	⩾6.0g/cm³
Bending strength	⩾1100MPa(*3-point bending)
Fracture toughness	⩾5Mpam$^{0.5}$
Hardness (Hv10)	⩾1250

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

Recommended Indications

Inlay | Full crown bridge | Posterior crown | Full contour screw retained bridge | Screw retained crown

System



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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℃) $(K)^{-1}$	10.5±0.5
Flexural strength after sintering (Mpa)	1250
Accelerated aging surface monoclinic phase content	<15%
Light transmittance	39%
Chemical solbiity after sintering (ug.cm)	< 100
Cytotoxicity	0 Level
Radioactivity ($Bq.g^{-1}$)	<0.1
Sintering temperature (℃)	1500–1550

- Chemical Composition

$ZrO_2+HfO_2+Y_2O_3$	≥99%
Y_2O_3	4.5%–6.0%
Al_2O_3	<0.15%
Others oxides	<0.5%

What We match

HT-Plus Color Liquid

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℃) $(K)^{-1}$	10.5±0.5
Flexural strength after sintering (Mpa)	1250
Accelerated aging surface monoclinic phase content	<15%
Light transmittance	42%
Chemical solbiity after sintering (ug.cm)	< 100
Cytotoxicity	0 Level
Radioactivity ($Bq.g^{-1}$)	<0.1
Sintering temperature (℃)	1500–1550

- Chemical Composition

$ZrO_2+HfO_2+Y_2O_3$	≥99%
Y_2O_3	4.5%–6.0%
Al_2O_3	<0.15%
Others oxides	<0.5%

What We match

HT-Plus Color Liquid