

YP-DENTAL

# PRODUCT CATALOG

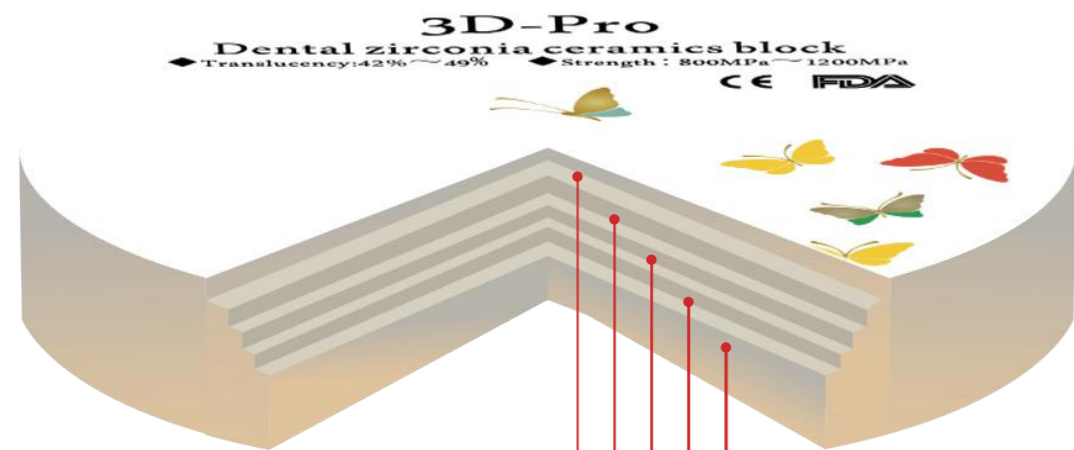
## Dental Zirconia Ceramics Block



Make aesthetic repairs easier



# 3D-Pro



**3D-Pro**  
Dental zirconia ceramics block  
◆ Translucency: 42%~49% ◆ Strength: 800MPa~1200MPa  
CE FDA

- 25% Enamel layer Translucency 49% Strength 800Mpa
- 12.5% Transition layer1 Translucency 47% Strength 900Mp
- 12.5% Transition layer2 Translucency 45% Strength 1000M
- 15% Transition layer3 Translucency 43% Strength 1100Mpa
- 35% Transition layer Translucency 42% Strength 1200Mp

- Design principle: safety first, aesthetic compatible
- Vita 16 shade + ivoclar 4 bleach shade
- Five layer natural gradient
- All in one

## Indication

Veneer	Inlay & Onlay	Inner crown	Full contour of anterior	Full contour of posterior	
✓	✓	✓	✓	✓	
Implant full contour	Full contour bridge(≤3 unit)	Full contour bridge(≥4 unit)	Inner crown bridge(≤3 unit)	Inner crown bridge(≥4 unit)	Implant abutment
✓	✓	✓	✓	✓	✓

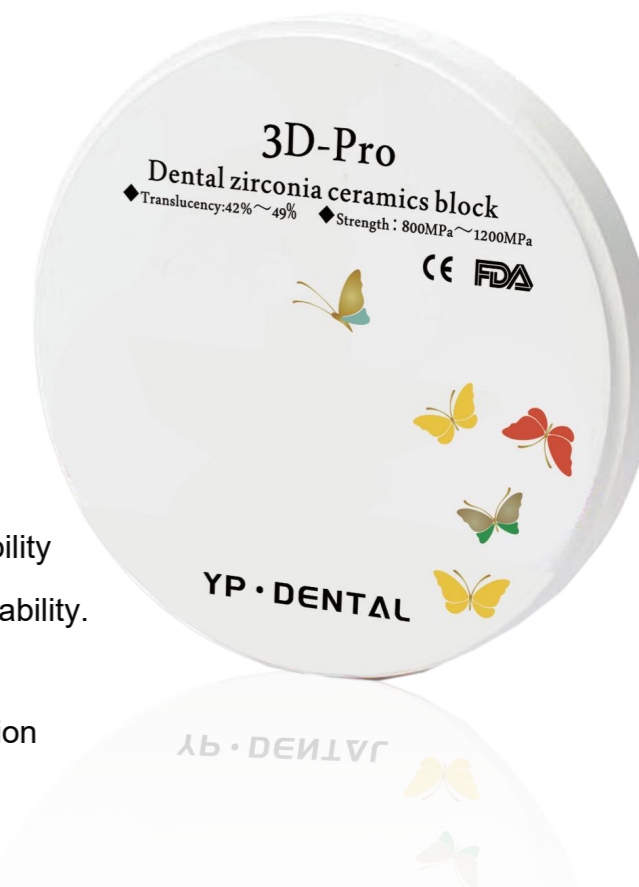
**Dimensions:** 98mm,95mm,92×75mm

**Translucency:** 42% to 49%

**Strength:** 800MPa-1200MPa

**Sizes :** 10mm/12mm/14mm/16mm  
18mm/20mm/22mm/25mm

**Shades:** 16 VITA Classical Shades, 4 Bleach Shades

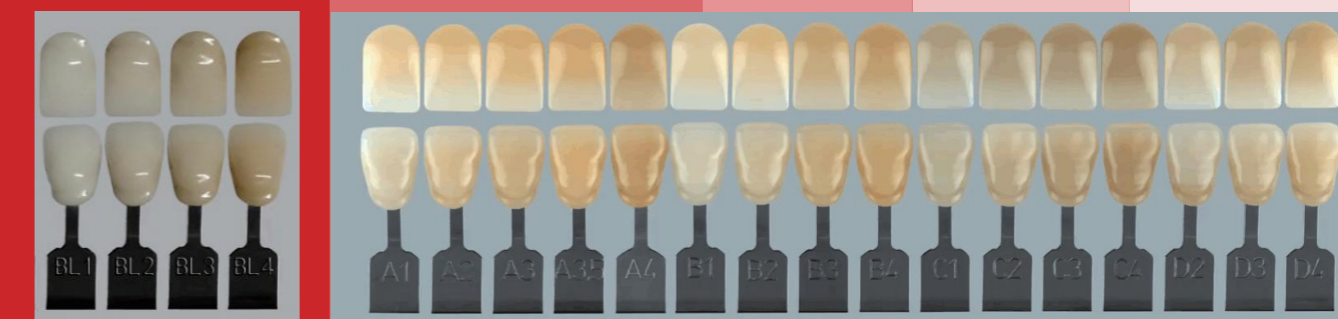


- Safe high quality raw material, good product stability
- Nine layers natural shade gradient, excellent durability.
- Reliable manufacture, ODM&OEM available
- Especially suitable for anterior aesthetic restoration

Physical Characteristics	
Density after sintering	≥6.05g/cm <sup>3</sup>
Fracture Toughness	≥5.0Mpa.m <sup>1/2</sup>
Flexural strength after sintering	(Hv10) 1250
Sintering Temperature	1500 °C

Chemical Composition	
ZrO <sub>2</sub> + HfO <sub>2</sub> + Y <sub>2</sub> O <sub>3</sub>	≥99%
Y <sub>2</sub> O <sub>3</sub>	4.5%-8.0%
Al <sub>2</sub> O <sub>3</sub>	< 0.15%
Other Oxides	< 0.5%

## Shades





# ST White Zirconia Block

**Dimensions:** 98mm,95mm,92×75mm  
**Translucency:** 43%  
**Strength:** 1200MPa  
**Shades:** White  
**Sizes:** 10mm/12mm/14mm/16mm  
 18mm/20mm/22mm/25mm

- Safe high quality raw material
- Excellent aesthetic and strength
- The most commonly used white zirconia block
- Reliable manufacture,ODM&OEM available



# ST Colored Zirconia Block

**Dimensions:** 98mm,95mm,92×75mm  
**Translucency:** 42%  
**Strength:** 1100MPa  
**Sizes:** 10mm/12mm/14mm/16mm  
 18mm/20mm/22mm/25mm  
**Shades:** 16 VITA Classical Shades

- Safe high quality raw material
- Excellent aesthetic and strength
- Preferred and most common colored material used for posterior restoration
- Reliable manufacture,ODM&OEM available



Physical Characteristics	
Density after sintering	≥6.09g/cm <sup>3</sup>
Fracture Toughness	≥5.0Mpa.m <sup>1/2</sup>
Flexural strength after sintering	(Hv10) 1250
Sintering Temperature	1530 °C

Chemical Composition	
ZrO <sub>2</sub> + HfO <sub>2</sub> + Y <sub>2</sub> O <sub>3</sub>	≥99%
Y <sub>2</sub> O <sub>3</sub>	4.5%-6.0%
Al <sub>2</sub> O <sub>3</sub>	< 0.15%
<b>Other Oxides</b>	<0.15%

Physical Characteristics	
Density after sintering	≥6.09g/cm <sup>3</sup>
Fracture Toughness	≥5.0Mpa.m <sup>1/2</sup>
Flexural strength after sintering	(Hv10) 1250
Sintering Temperature	1530 °C

Chemical Composition	
ZrO <sub>2</sub> + HfO <sub>2</sub> + Y <sub>2</sub> O <sub>3</sub>	≥99%
Y <sub>2</sub> O <sub>3</sub>	4.5%-6.0%
Al <sub>2</sub> O <sub>3</sub>	< 0.15%
<b>Other Oxides</b>	<0.5%

## Indication

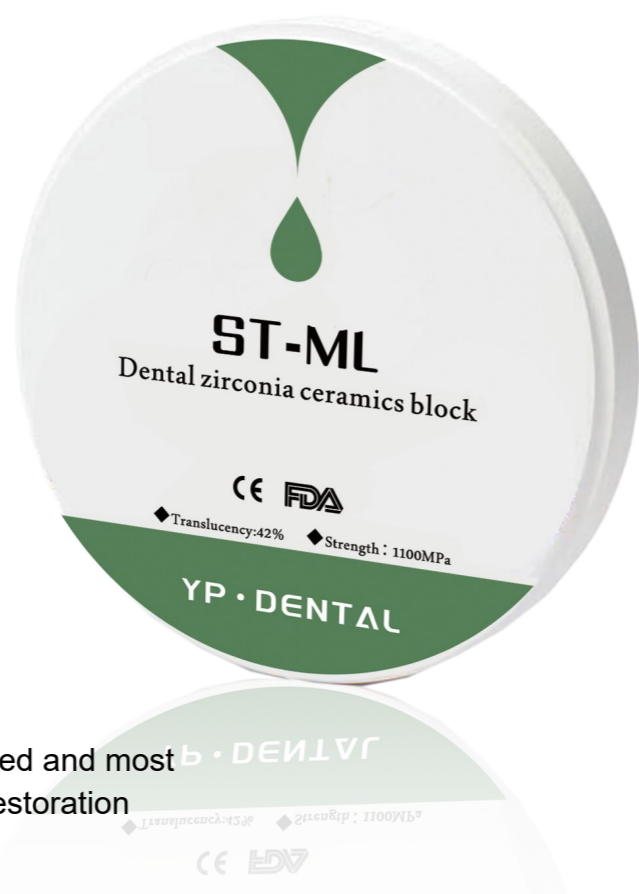
Veneer	Inlay & Onlay	Inner crown	Full contour of anterior	Full contour of posterior	
✓	✓	✓	✓	✓	
Implant full contour	Full contour bridge(≤3 unit)	Full contour bridge(≥4 unit)	Inner crown bridge(≤ 3 unit)	Inner crown bridge(≥4 unit)	Implant abutment
✓	✓	✓	✓	✓	✓

## Indication

Veneer	Inlay & Onlay	Inner crown	Full contour of anterior	Full contour of posterior	
✓	✓	✓	✓	✓	
Implant full contour	Full contour bridge(≤3 unit)	Full contour bridge(≥4 unit)	Inner crown bridge(≤ 3 unit)	Inner crown bridge(≥4 unit)	Implant abutment
✓	✓	✓	✓	✓	✓

# ST Multilayer Zirconia Block

**Dimensions:** 98mm,95mm,92×75mm  
**Translucency:** 42%  
**Strength:** 1100MPa  
**Sizes :** 10mm/12mm/14mm/16mm  
 18mm/20mm/22mm/25mm  
**Shades:** 16 VITA Classical Shades



- Safe high quality raw material
- Excellent aesthetic and strength
- Seven layers natural shade gradient, the preferred and most common multilayer material used for posterior restoration
- Reliable manufacture,ODM&OEM available

Physical Characteristics	
Density after sintering	≥6.09g/cm <sup>3</sup>
Fracture Toughness	≥5.0Mpa.m <sup>1/2</sup>
Flexural strength after sintering	(Hv10)1250
Sintering Temperature	1530 °C

Chemical Composition	
ZrO <sub>2</sub> + HfO <sub>2</sub> + Y <sub>2</sub> O <sub>3</sub>	≥99%
Y <sub>2</sub> O <sub>3</sub>	4.5%-6.0%
Al <sub>2</sub> O <sub>3</sub>	< 0.15%
Other Oxides	<0.5%

## Indication

Veneer	Inlay & Onlay	Inner crown	Full contour of anterior	Full contour of posterior	
✓	✓	✓	✓	✓	
Implant full contour	Full contour bridge(≤3 unit)	Full contour bridge(≥4 unit)	Inner crown bridge(≤ 3 unit)	Inner crown bridge(≥4 unit)	Implant abutment
✓	✓	✓	✓	✓	✓

# SHT White Zirconia Block

**Dimensions:** 98mm,95mm,92×75 mm  
**Translucency:** 46%  
**Strength:** 1000MPa  
**Shades:** White  
**Sizes :** 10mm/12mm/14mm/16mm  
 18mm/20mm/22mm/25mm



- Super translucent and aesthetic zirconia block
- Safe high quality raw material
- Preferred choice for more demanding aesthetic restoration than ST white zirconia block
- Reliable manufacture,ODM&OEM available

Physical Characteristics	
Density after sintering	≥6.08g/cm <sup>3</sup>
Fracture Toughness	≥5.0Mpa.m <sup>1/2</sup>
Flexural strength after sintering	(Hv10) 1250
Sintering Temperature	1530 °C

Chemical Composition	
ZrO <sub>2</sub> + HfO <sub>2</sub> + Y <sub>2</sub> O <sub>3</sub>	≥99%
Y <sub>2</sub> O <sub>3</sub>	7. 0%-7. 8%
Al <sub>2</sub> O <sub>3</sub>	< 0.15%
Other Oxides	<0.15%

## Indication

Veneer	Inlay & Onlay	Inner crown	Full contour of anterior	Full contour of posterior	
✓	✓	✓	✓	✓	
Implant full contour	Full contour bridge(≤3 unit)	Full contour bridge(≥4 unit)	Inner crown bridge(≤ 3 unit)	Inner crown bridge(≥4 unit)	Implant abutment
✓	✓	✓	✓	✓	✓

# SHT Colored Zirconia Block

**Dimensions:** 98mm,95mm,92×75mm  
**Translucency:** 45%  
**Strength:** 900MPa  
**Sizes :** 10mm/12mm/14mm/16mm  
 18mm/20mm/22mm/25mm  
**Shades:** 5 VITA Classical Shades  
 A1,A2,A3,B1,B2



- Super translucent and aesthetic zirconia block
- Safe high quality raw material
- Preferred choice for more demanding aesthetic restoration than ST colored zirconia block
- Reliable manufacture,ODM&OEM available

Physical Characteristics	
Density after sintering	≥6.08g/cm <sup>3</sup>
Fracture Toughness	≥5.0Mpa.m <sup>1/2</sup>
Flexural strength after sintering	(Hv10) 1250
Sintering Temperature	1530 °C

Chemical Composition	
ZrO <sub>2</sub> + HfO <sub>2</sub> + Y <sub>2</sub> O <sub>3</sub>	≥99%
Y <sub>2</sub> O <sub>3</sub>	7. 0%-7. 8%
Al <sub>2</sub> O <sub>3</sub>	< 0.15%
Other Oxides	<0.5%

## Indication

Veneer	Inlay & Onlay	Inner crown	Full contour of anterior	Full contour of posterior
✓	✓	✓	✓	✓

Implant full contour	Full contour bridge(≤3 unit)	Full contour bridge(≥4 unit)	Inner crown bridge(≤ 3 unit)	Inner crown bridge(≥4 unit)	Implant abutment
✓	✓	✓	✓	✓	✓

# SHT Multilayer Zirconia Block

**Dimensions:** 98mm,95mm,92×75mm  
**Translucency:** 45%  
**Strength:** 900MPa  
**Sizes :** 10mm/12mm/14mm/16mm  
 18mm/20mm/22mm/25mm  
**Shades:** 4 Bleach Shades 5 VITA Classical Shades  
 BL1,BL2,BL3,BL4 A1,A2,A3,B1,B2



- Super translucent and aesthetic zirconia block
- Seven layers natural shade gradient, the preferred choice for more demanding aesthetic restoration than ST multilayer zirconia block
- Reliable manufacture,ODM&OEM available

Physical Characteristics	
Density after sintering	≥6.08g/cm <sup>3</sup>
Fracture Toughness	≥5.0Mpa.m <sup>1/2</sup>
Flexural strength after sintering	(Hv10)1250
Sintering Temperature	1530 °C

Chemical Composition	
ZrO <sub>2</sub> + HfO <sub>2</sub> + Y <sub>2</sub> O <sub>3</sub>	≥99%
Y <sub>2</sub> O <sub>3</sub>	7. 0%-7. 8%
Al <sub>2</sub> O <sub>3</sub>	< 0.15%
Other Oxides	<0.5%

## Indication

Veneer	Inlay & Onlay	Inner crown	Full contour of anterior	Full contour of posterior
✓	✓	✓	✓	✓

Implant full contour	Full contour bridge(≤3 unit)	Full contour bridge(≥4 unit)	Inner crown bridge(≤ 3 unit)	Inner crown bridge(≥4 unit)	Implant abutment
✓	✓	✓	✓	✓	✓

## Company product series



**Vision:** Let more people use safe & comfortable materials

**Mission:** All in one zirconia block expert

**Values:** Serve customers and repay the society, innovation, enterprising and responsibility

**Slogan:** Make smile easier