



*We are zirconia expert*

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**Dental CAD/CAM zirconia blank**



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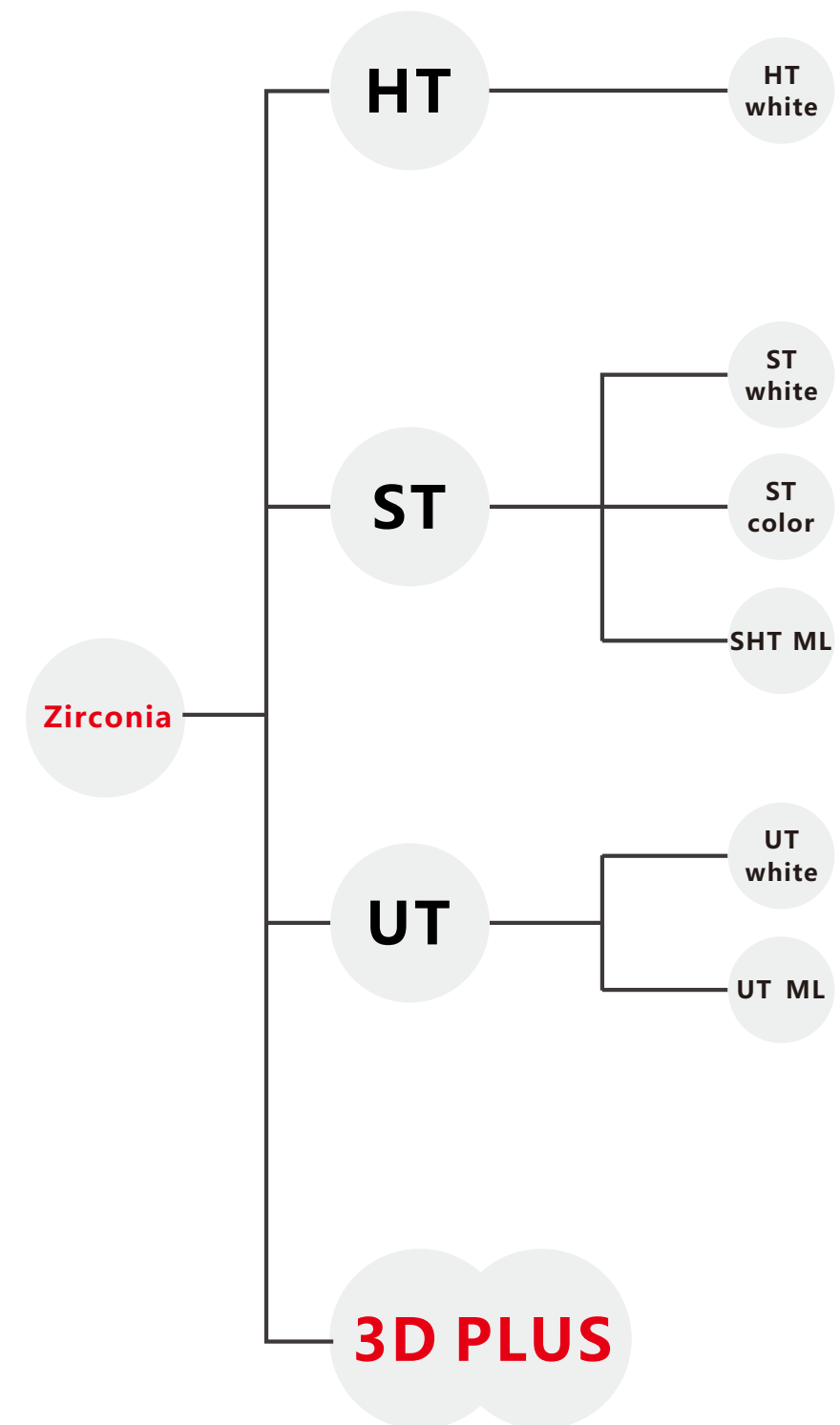
# About us



Wecera focus on dental cad/cam zirconia block R&D and manufacturing since 2015. Our R&D team are Tsinghua university dental ceramics experts. With their passion and persistence, we developed 3D Plus Multilayer zirconia in 2019, which achieve amazing feedback from global dental technician users.

Our factory current production capacity is 80k blanks/month which can ensure fast delivery. We also have a professional sales and technical support team who have many years experience in dental field. We deliver premium quality and service to help our customer get success, that is why dental labs from 76 countries all using our dental zirconia blanks with smile.

## WECERA ZIRCONIA FAMILY





## HT Zirconia Block

- High translucent
- Brilliant bending strength and economical Block
- Suitable for coping ,framework

### Indications



### Physical Characteristics

Sintered density	6.07±0.03g/cm³
Bending Strength	≥1200MPa (Av.)
Transmittance	40%
Hardness	1200HV
Sintering temperature	Recommend 1530°C



## ST Zirconia Block

- Super translucent
- Suitable for full contour crown , bridge and anterior

### Indications



### Physical Characteristics

Sintered density	6.07±0.03g/cm³
Bending Strength	≥1200MPa (Av.)
Transmittance	43%
Hardness	1200HV
Sintering temperature	Recommend 1530°C

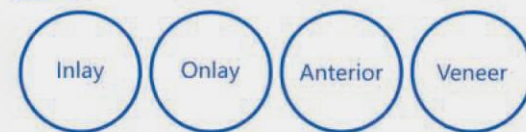




## UT Zirconia Block

- Ultra translucent
- Suitable for veneer , bridge

### Indications



### Physical Characteristics

Sintered density	6.03±0.03g/cm <sup>3</sup>
Bending Strength	≥600MPa (Av.)
Transmittance	49%
Hardness	1200HV
Sintering temperature	Recommend 1450°C



## ST Color Zirconia Block

- Pre-shaded technics
- Uniform color
- Without post dyeing process
- Suitable for full contour crown , bridge and anterior

### Indications



### Physical Characteristics

Sintered density	6.07±0.03g/cm <sup>3</sup>
Bending Strength	≥1100MPa(Av.)
Transmittance	43%
Hardness	1200HV
Sintering temperature	Recommend 1530°C

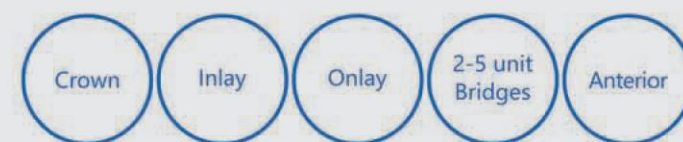




## SHT Multilayer Zirconia Block

- Multilayer color
- No need for further dyeing operation
- Suitable for anterior , crown and bridge

### Indications



### Physical Characteristics

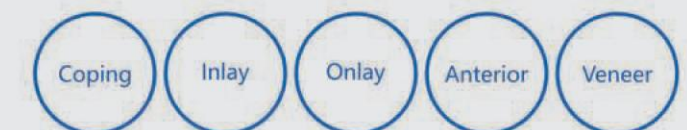
Sintered density	6.07±0.03g/cm³
Bending Strength	≥ 900MPa (Av.)
Transmittance	46%
Hardness	1200HV
Sintering temperature	Recommend 1500°C



## UT Multilayer Zirconia Block

- Pre-shaded technics
- Uniform color
- Without post dyeing process
- Suitable for full contour crown , bridge and anterior

### Indications



### Physical Characteristics

Sintered density	6.03±0.03g/cm³
Bending Strength	≥600MPa (Av.)
Transmittance	49%
Hardness	1200HV
Sintering temperature	Recommend 1500°C





 **Most Natural Zirconia**



57%

43%

$\geq 700\text{MPa}_{(Av.)}$

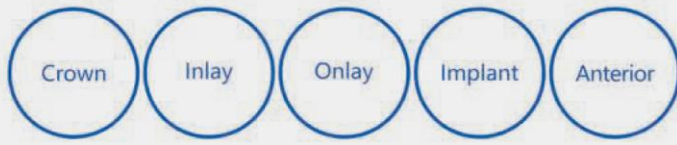
$\geq 1050\text{MPa}_{(Av.)}$

## 3D PLUS Multilayer Zirconia Block

Color Transmittance Strength

- 6 layers Multilayer color
- From 43% to 57% gradient for transparency
- Strength shows gradient from 700MPa to 1050MPa
- Suitable for anterior, crown and 7 unit bridges

### Indications



### Physical Characteristics

Sintered density	$6.07 \pm 0.03\text{g/cm}^3$
Hardness	1200HV
Sintering temperature	Recommend 1500°C

#### BLEACH

0M1



0M2



0M3



# Zirconia Coloring Liquids



Model	Liquid series
16 shades system	A1 A2 A3 A3.5 A4
	B1 B2 B3 B4
	C1 C2 C3 C4
	D2 D3 D4



Expert makes art





# Wecera global customers

Dental labs and milling centers from 76 countries are using our dental zirconia blanks with smile, the number is still increasing...



# Certificate



CE 0197



ISO13485



CFDA