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XTCERA

3D White

XTCERA CE 0197
Http:www.xtcera.com

# 3D White

*Unique 3D White, which leaves you more space of dyeing and imagination!*

Unique Dyeing System
White but Translucent with Natural Transition
Flexible Coloring to Make Teeth More Natural

https://stomdevice.ru - стоматологическое и зуботехническое оборудование с доставкой по России и СНГ

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Indications

XTCERA 3D White is intended for the fabrication and preparation of copings, full anatomical/ full contour crowns, inlays, and onlays for anterior restorations.

Note:Directing arrow is marked on the label of multilayer blanks, which points to insical surface.

## Chemical Composition:

| | |
|---|---|
| $ZrO_2$+HfO2 | >90.5wt% |
| $Y_2O_3$ | 9.28wt% |
| $AL_2O_3$ | <0.5wt% |
| Other Oxides | <0.5wt% |

## Properties:

Sintering Density :>6.0g/$cm^3$

Bending Strength:>750MPa

Vickers Hardness:> 1250HV

Chemical Solubility:< 10Opg/$m^2$

## Sintering Curve

Single crown& Short bridge(within 5 units)

| Sintering step | Temperature range(X) | Time(h) |
|---|---|---|
| Phase 1 | 20-900 | 1.5 |
| Phase 2 | 900-900 | 0.5 |
| Phase 3 | 900-1530 | 3.0 |
| Phase 4 | 1530-1530 | 2.0 |
| Phase 5 | 1530-800 | 1.5 |
| Phase 6 | 800-Natural cooling | Finished |

Long bridge ( more than 5 units)

| Sintering step | Temperature range(‘C) | Time(h) |
|---|---|---|
| Phase 1 | 20-900 | 2.5 |
| Phase 2 | 900-900 | 0.5 |
| Phase 3 | 900-1530 | 4.0 |
| Phase 4 | 1530-1530 | 2.0 |
| Phase 5 | 1530-830 | 2.0 |
| Phase 6 | 800-Natural cooling | Finished |

ShenZhen XiangTong Co.,Ltd.

Add: 2nd Floor 1st building, No.88 North Zliuguang Rd. west Area. Honghualing industrial Park, Nanshan District, Shenzhen. China

Tel: 4-86 755 8600 1804 E-mail: xtcera@xianton.com

Web: en.xtcera.com Facebook: XTCERACHINA

TUVRheinland ISO 13485:2016 CE 0197 CFDA FDA Cleared

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