

UPCERA



# EXPLORE ESTHETIC

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Reliable Materials Expert

# Explore Esthetic

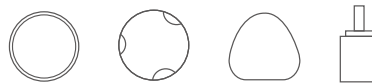


Explore Esthetic is a kind of multilayer zirconia with gradient strength. Its translucency is higher, so it is better suitable for anterior restorations with higher esthetic requirements.

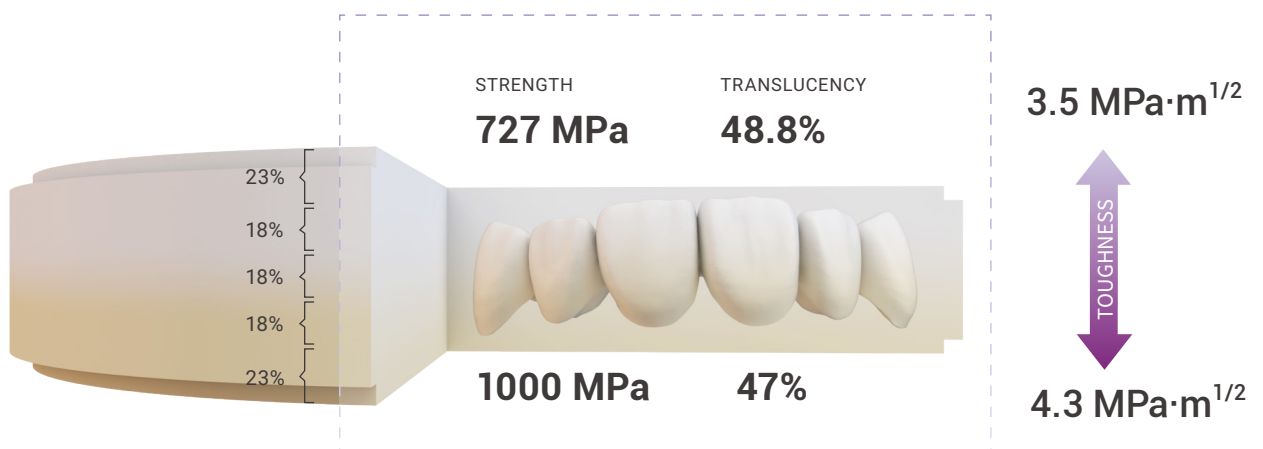
## Optimum Indications

- Full Contour Anterior Crown
- Posterior bridge (3 units)

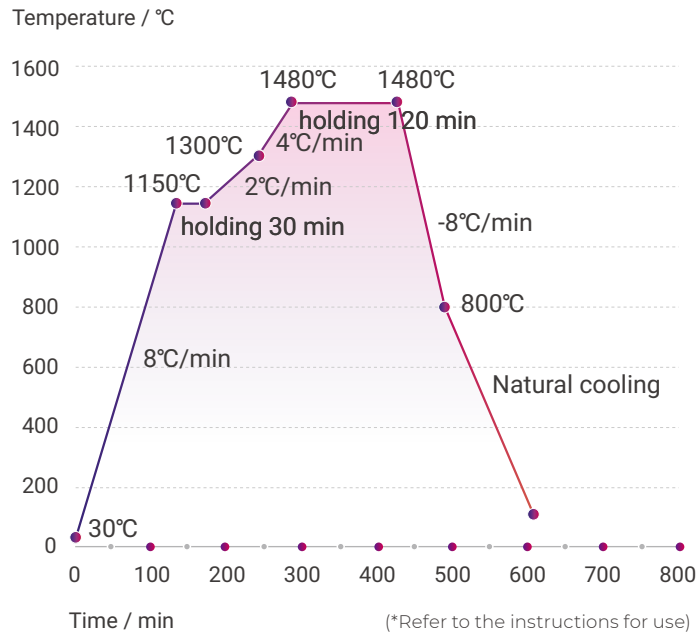
## Apply for



## Shades



## Sintering program



### Physical Characteristics

|  |   |
|--|---|
| Density after sintering                            | ≥6.0g/cm <sup>3</sup>                       |
| CTE(25-500°C)                                      | (10.5±0.5)×10 <sup>-6</sup> K <sup>-1</sup> |
| Accelerated aging surface monoclinic phase content | <5%   |
| Chemical solubility after sintering                | <100μg/cm <sup>2</sup>                      |
| Radioactivity                                      | <0.1Bq/g                                    |
| Sintering temperature                              | 1480°C                                      |

### Chemical Composition

|   |           |
|---|-----------|
| ZrO <sub>2</sub> + HfO <sub>2</sub> + Y <sub>2</sub> O <sub>3</sub> | >96.5%    |
| Y <sub>2</sub> O <sub>3</sub>                                       | 5.8%-9.7% |
| Al <sub>2</sub> O <sub>3</sub>                                      | <0.5%     |
| Fe <sub>2</sub> O <sub>3</sub>                                      | <0.5%     |
| Er <sub>2</sub> O <sub>3</sub>                                      | <2.0%     |
| Others oxides   | <0.5%     |

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