

UPCERA



# EXPLORE FUNCTIONAL

---

Reliable Materials Expert

# Explore Functional



Explore Functional is a kind of zirconia with gradient translucency and strength. Due to the simple operation and natural-tooth aesthetic effects, it is a good choice for posterior restorations and suitable for chair-side restoration.

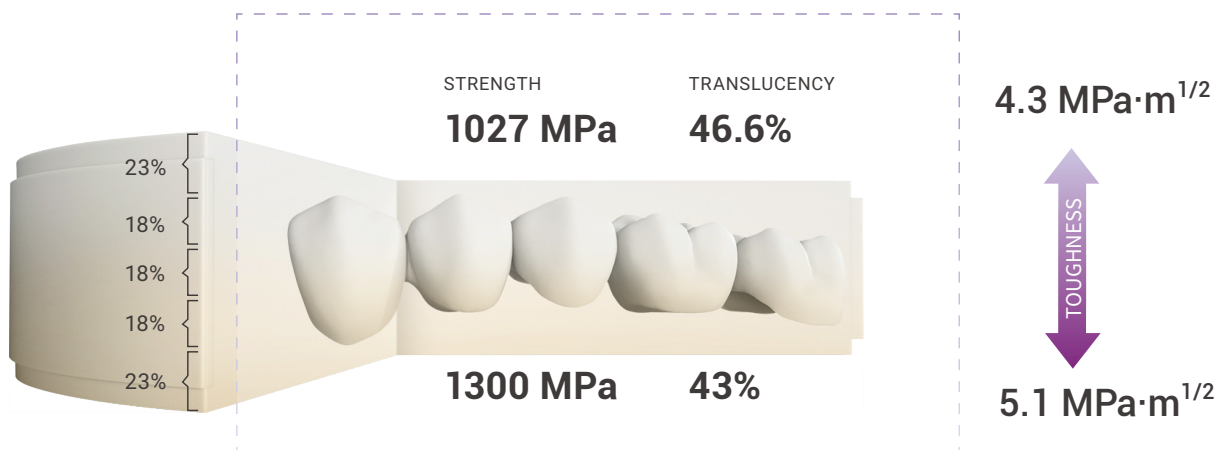
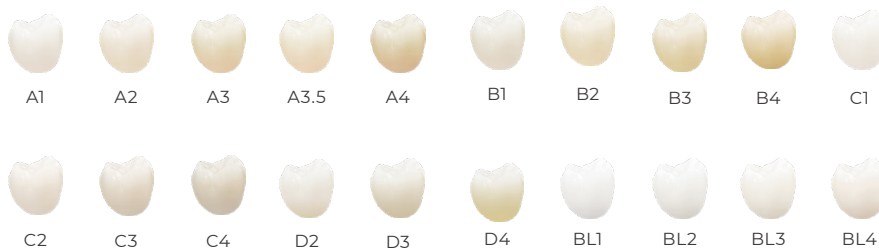
## Optimum Indications

- Full Contour Posterior Crown
- Posterior bridge (3 units, 4 units)

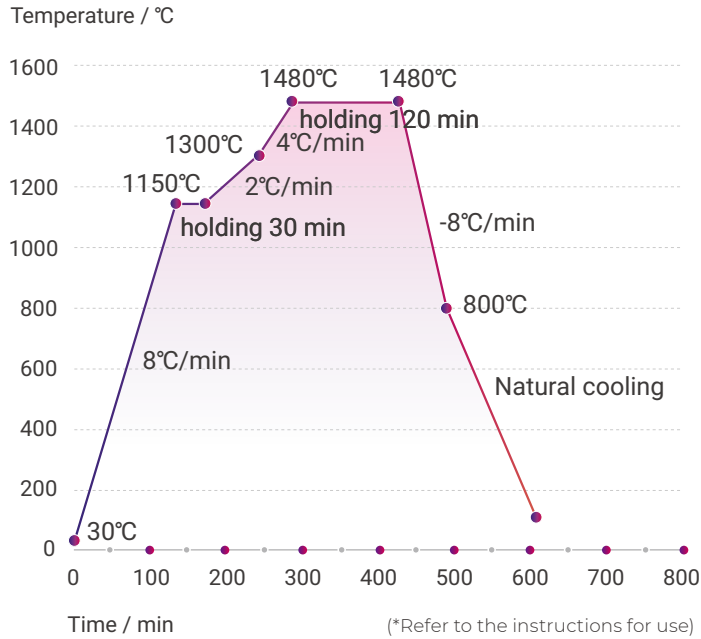
## Apply for



## 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%

Follow us on:



Upcera\_Official



upcera\_\_official



UPCERA