



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.

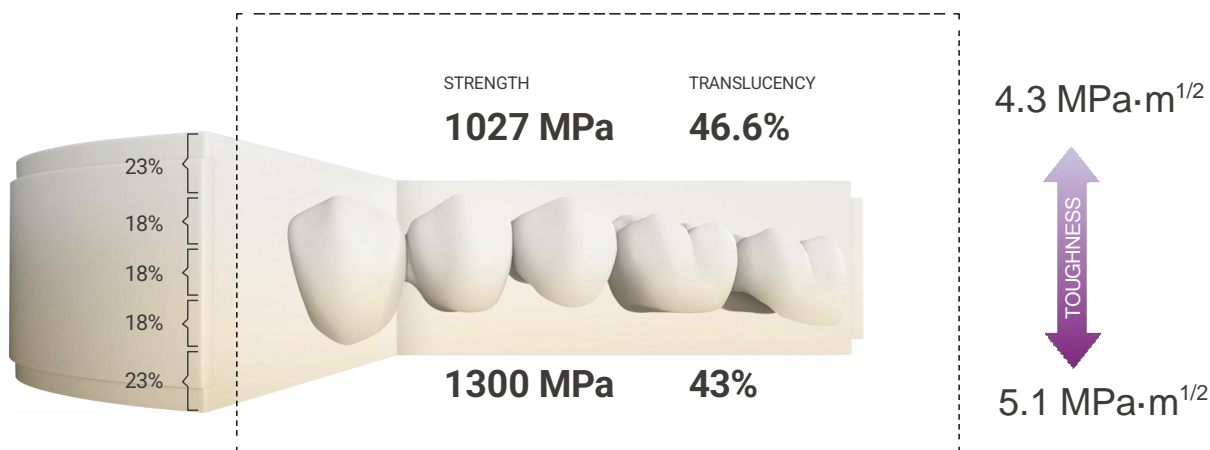
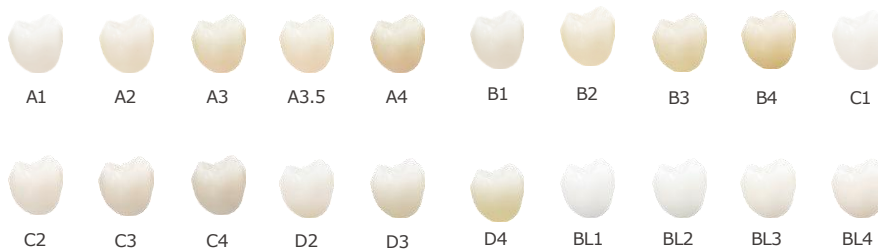
Optimum Indications

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

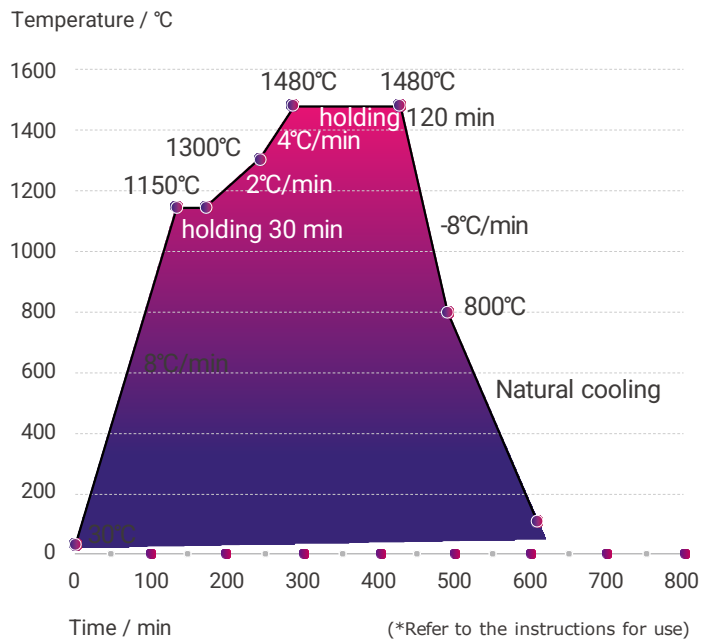
Apply for



Shades



Sintering program



Physical Characteristics

Density after sintering	≥6.0g/cm ³
CTE(25-500°C)	(10.5±0.5)x10 ⁻⁶ K ⁻¹
Accelerated aging surface monoclinic phase content	<5%
Chemical solubility after sintering	<100µg/cm ²
Radioactivity	<0.1Bq/g
Sintering temperature	1480°C

Chemical Composition

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