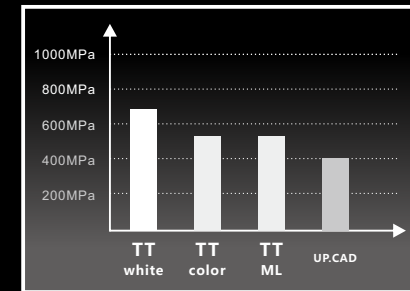


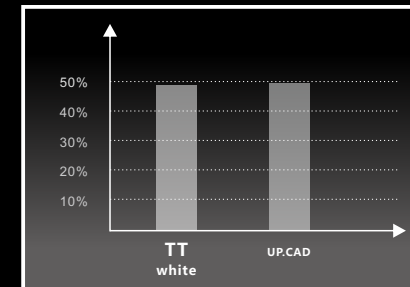
Features

- Superior glassy translucency
- Natural tooth looking
- Less tooth preparation

Strength Comparison



Translucency Comparison



Compared with Shade Guide



Shenzhen Upcera Dental Technology Co.,Ltd.

Add: 5th floor,Zhuyuan Building No.5 Kehua Road,Nanshan,Shenzhen,P.R.C

Post code:518057 Tel: +86-755-8882 0818 Fax: +86-755-26631595

E-mail: sales@upcera.com

Http://www.upcera-dental.com

FDA CE 0197



Available Shades

TT multilayer & TT pre-shaded



New Shades *Coming soon!*



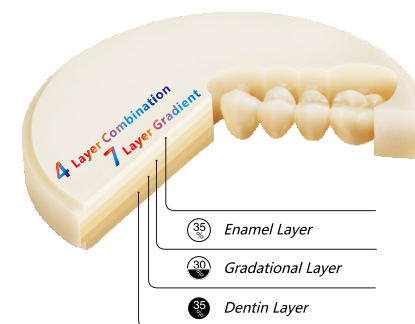
Physical Characteristics

	TT white	TT multilayer	TT pre-shaded
Density before sintering (g/cm ³)	>2.8	>2.8	>2.8
Density after sintering (g/cm ³)	≥6.0	≥6.0	≥6.0
CTE after sintering (25-200°C) (10 ⁻⁶ K ⁻¹)	(10.5±1.0)×10 ⁻⁶ K ⁻¹	(10.5±1.0)×10 ⁻⁶ K ⁻¹	(10.5±1.0)×10 ⁻⁶ K ⁻¹
3-point flexural strength after sintering (MPa)	> 600	> 500	> 500
Accelerate aging surface monoclinic phase content	< 5%	< 5%	< 5%
Average transmittance (1.0±0.02mm)	49%	—	—
Chemical solubility after sintering (μg/cm ²)	< 100	< 100	< 100
Cytotoxicity test	0 level	0 level	0 level
Radioactivity after sintering (Bq/g)	<0.1	<0.1	<0.1
Sintering temperature (°C)	1430-1470 Recommended 1450	1430-1470 Recommended 1450	1430-1470 Recommended 1450

Chemical Composition

	TT white	TT multilayer	TT pre-shaded
ZrO ₂ +HfO ₂	86.3% ~ 94.2%	86.3% ~ 94.2%	86.3% ~ 94.2%
Y ₂ O ₃	5.8-9.7%	5.8-9.7%	5.8-9.7%
Er ₂ O ₃	—	<2%	<2%
Fe ₂ O ₃	—	<0.5%	<0.5%
Al ₂ O ₃	<0.5%	<0.5%	<0.5%
Others	<0.5%	<0.5%	<0.5%

TT multilayer



Indications

	TT white	TT multilayer	TT pre-shaded
Crown	✓	✓	✓
2- unit bridge	✓	✓	✓
3- unit bridge	✓	✓	✓
Telescopic crown	✓	✓	✓
Abutment	✓	✓	✓
Veneer	✓	✓	✓