



Simple way Nature

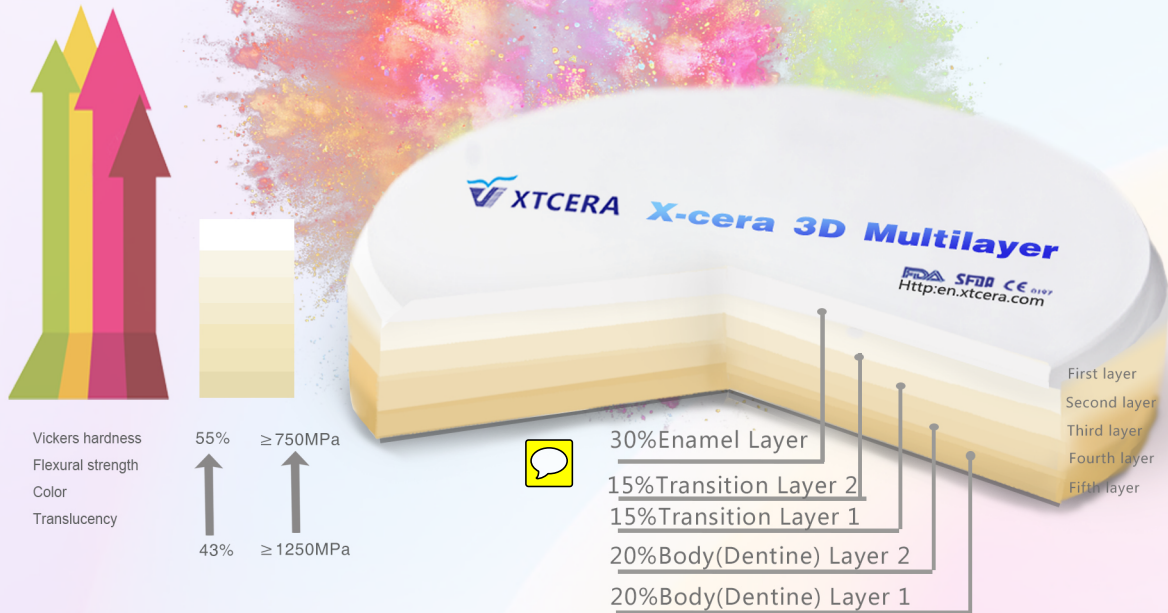


X-cera 3D Multilayer



Natural Color Transition, Pre-colored
Top High Transmittance with Natural Gradient
Simple and Less Process of Production

5 LAYERS PLUS



Available in all classic VITA 16 shades (A1 to D4)

Indications

XTCERA 3D multilayer is intended for the fabrication and preparation of copings, full anatomical/ full contour crowns, bridges up to three units, inlays, and onlays for anterior and posterior restorations.

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

Chemical Composition:

ZrO ₂ +HfO ₂	>94wt%
Y ₂ O ₃	5.3wt%
Al ₂ O ₃	<0.5wt%
Other Oxides	<0.5wt%

Properties:

Sintering Density :6.0g/cm³
 Bending Strength: ≥ 750MPa
 Vickers Hardness: 1250HV
 Chemical Solubility: < 100µg/m²

Sintering Curve

Single Crown

Sintering step	Temperature range(°C)	Time(h)
paragraph 1	200-900	1.5
paragraph 2	900-900	0.5
paragraph 3	900-1530	3.0
paragraph 4	1530-1530	2.0
paragraph 5	1530-800	1.0
paragraph 6	800-Natural cooling	Draw a charge

Short Bridge

Sintering step	Temperature range(°C)	Time(h)
paragraph 1	200-900	1.5
paragraph 2	900-900	0.5
paragraph 3	900-1530	4.0
paragraph 4	1530-1530	2.0
paragraph 5	1530-800	2.0
paragraph 6	800-Natural cooling	Draw a charge

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