

X-cera

SHT MULTILAYER

NATURAL COLOR TRANSITION
NO NEED DYEING





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≥ 1050MPa
Transmittance:47%
Excellent wear resistance



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

Indications For Use

XTCERA SHT Multilayer is intended for the fabrication and preparation of copings, full anatomical/ full contour crowns, bridges up to seven 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	>90wt%
Y ₂ O ₃	4.5-9.5wt%
AL ₂ O ₃	<0.5wt%
Other Oxides	<0.2wt%

Properties:

Sintering Density : ≥ 6.0g/cm³
Bending Strength: ≥ 1050MPa
Vickers Hardness: ≥ 1250HV
Chemical Solubility: < 100µg/m²

Sintering Curve

Sintering step	Temperature range(°C)	Time(h)
paragraph 1	20-900	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

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