

3DML FAST

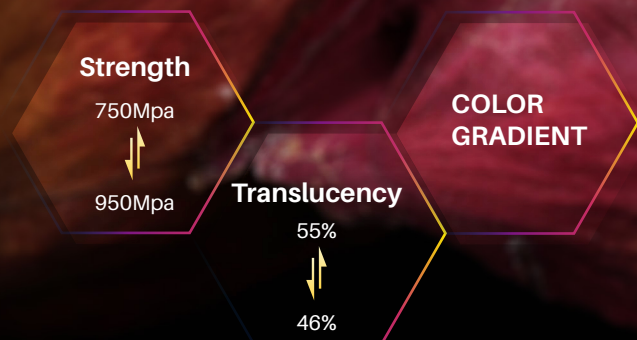


Born for fast sintering

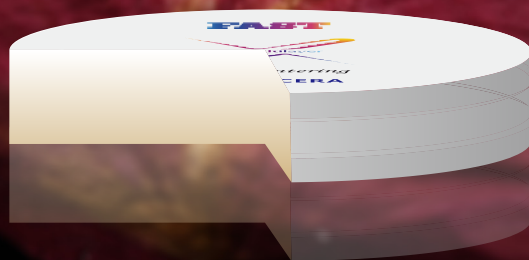
Ultra-fast 27 minutes | 3D infinity gradient | the first choice for immediate restoration

Introduction

3D Fast is a specially developed fast-sintering product based on 3D multi-layer zirconia, distinct from the mono-layer fast-sintering materials currently on the market. It achieves crystallization in as little as 27 minutes, delivering superior aesthetic results, a simpler process, and broader indications.



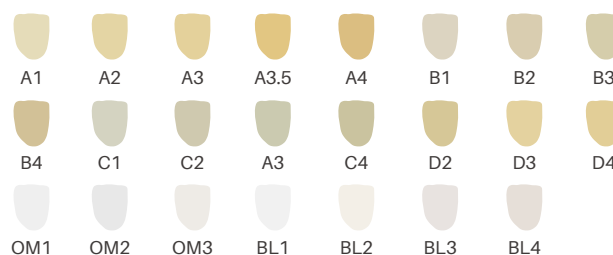
Born for fast sintering



Properties

Sintering Density	6.0g/cm ³
Bending Strength	≥750MPa
Vickers Hardness	≥1250HV
Chemical Solubility	<100μg/m ²

Color



Ultra-fast sintering period



27 mins
Single Unit Rapid
Sintering Curve



75 mins
Room Temperature
Sintering Curve for
Single Units and
Bridges of Up to 3 Units



2h
Room Temperature
Sintering Curve for
Bridges of Up to 5 Units

Digital work flow

1.High-temperature Sintering Cycle for Single Unit

Sintering Steps	Temperature(°C)	Duration(min)
Phase 1	800-1100	2
Phase 2	1100-1300	5
Phase 3	1300-1540	10
Phase 4	1540-1540	10
Phase 5	Natural Cooling	Finished

2.Room-temperature Sintering Cycle for Single Unit

Sintering Steps	Temperature(°C)	Duration(min)
Phase 1	room temperature-950	4
Phase 2	950-1100	3
Phase 3	1100-1300	8
Phase 4	1300-1540	18
Phase 5	1540-1540	15
Phase 6	Natural Cooling	Finished

3.Room-temperature Sintering Cycle for Short Bridge

Sintering Steps	Temperature(°C)	Duration(min)
Phase 1	room temperature-950	19
Phase 2	950-1100	4
Phase 3	1100-1300	20
Phase 4	1300-1540	48
Phase 5	1540-1540	25
Phase 6	Natural Cooling	Finished

Indications



Full contour
for anterior



Veneer



Full contour
for posterior



Coping



Inlay/Onlay



Telescope



Post& core



Bridge for Up to 3 Units



Bridge for Up to 5 Units