

# 3DML FAST

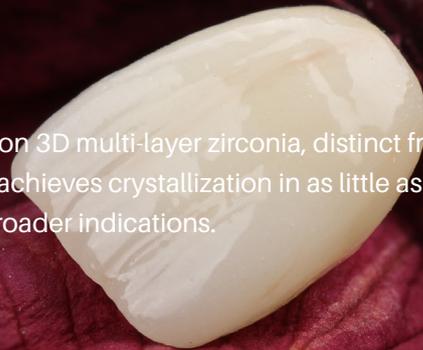


## Born for fast sintering

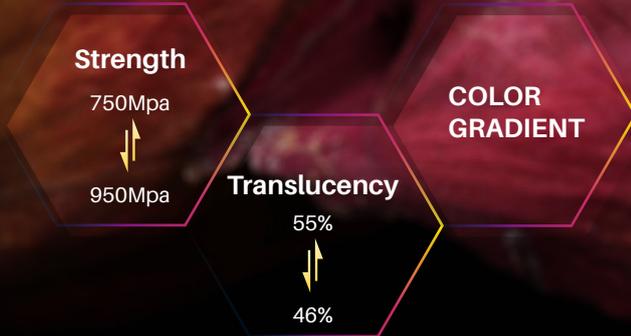
Ultra-fast 27 minutes | 3D infinity gradient | the first choice for immediate restoration

# 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 <sup>3</sup>
Bending Strength	≥750MPa
Vickers Hardness	≥1250HV
Chemical Solubility	<100µg/m <sup>2</sup>

## 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