

All Ceramic Materials for All-Ceramic Restorations



Lithium Disilicate-Based High Fusion Press Ingots

# Amber<sup>®</sup> Press *Master*



[www.hassbio.com](http://www.hassbio.com)

CE2195  RX Only

 **HASS** | Human-Aid System Supplier

# Thermal Stability



Courtesy of CDT. Christian Vordermayer

## Rigid Framework for Multiple Firing - Thermal Stability



The rigid framework from **Amber® Press *Master*** is known for its high thermal stability and strength since it can withstand a relatively high glass transition temperature (Tg).

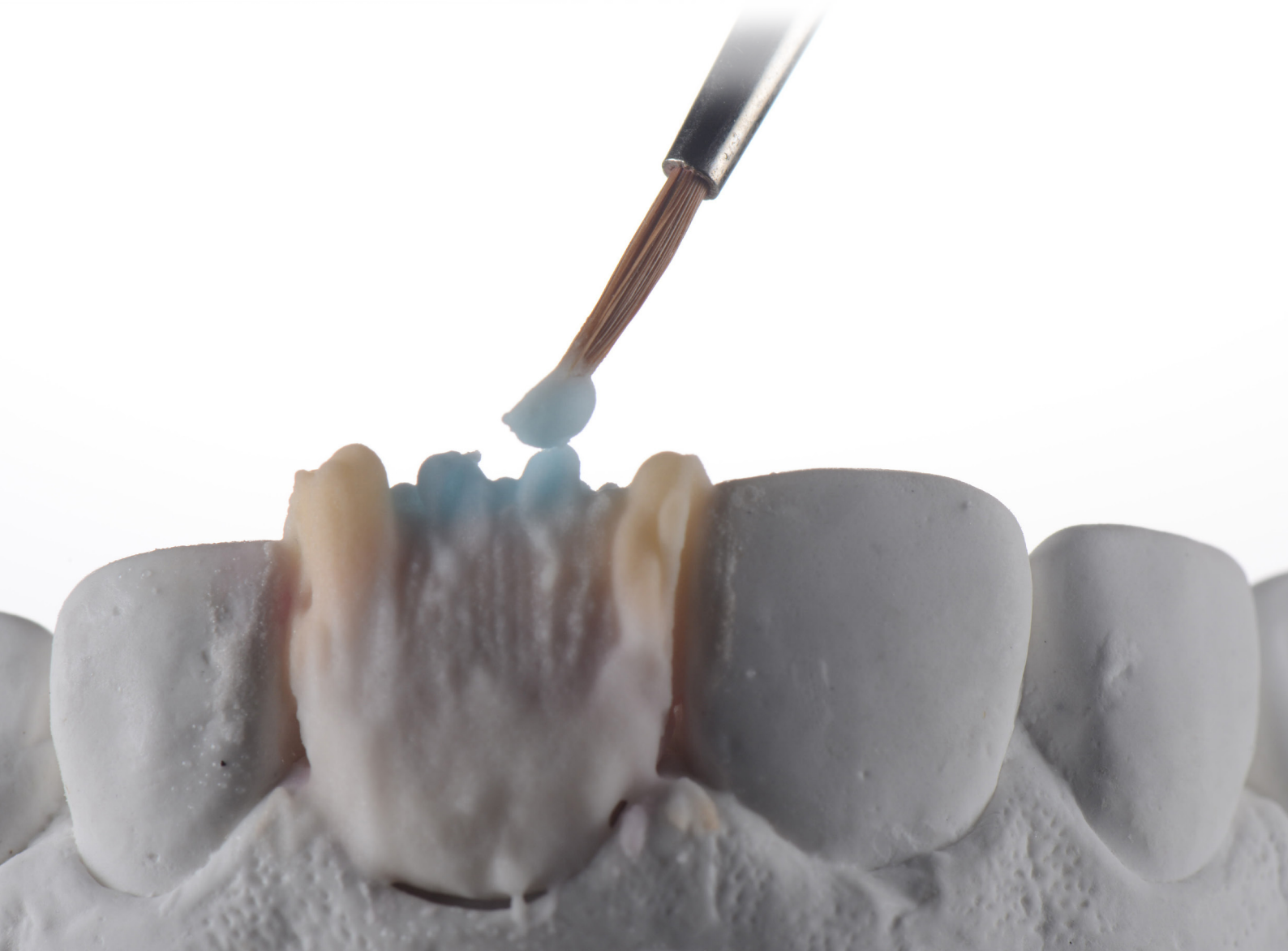
\*Tg : Transition Temperature

## Compatible with Various Veneering Materials

Amber® Press *Master* ingots are compatible with various veneering materials for lithium disilicate.

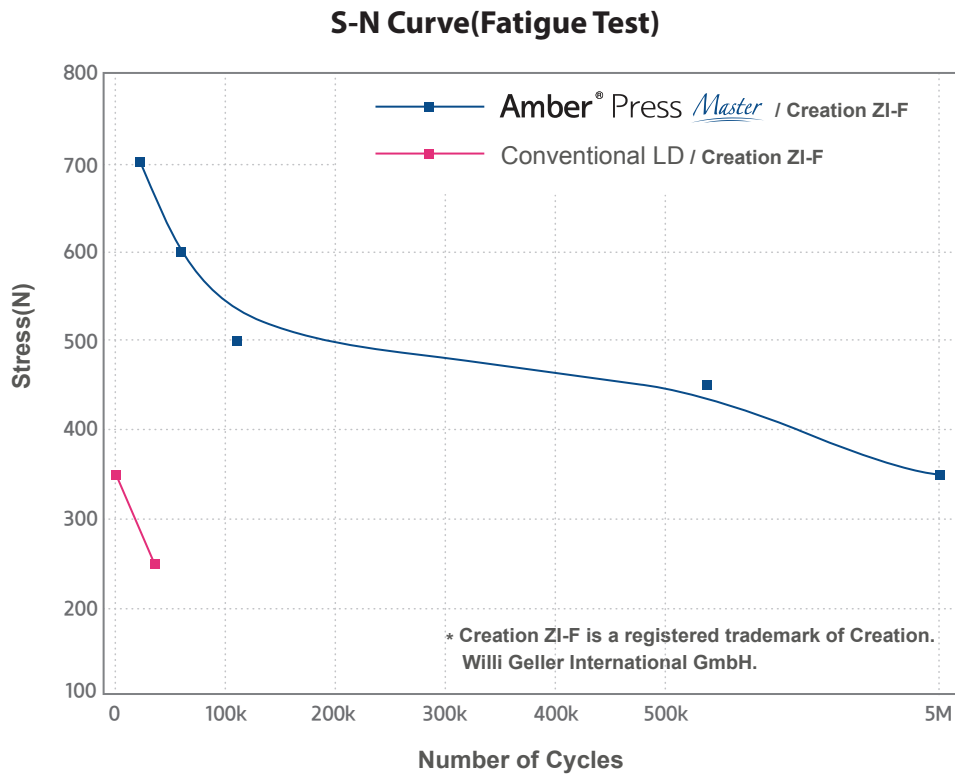
- IPS e.max ceram (Ivoclar Vivadent) \*
- VINTAGE LD Porcelain (Shofu) \*
- MiYO (Jensen) \*
- Initial Zr-FS (GC) \*
- Initial LiSi (GC) \*
- InSync (Jensen) \*
- EX-3 PRESS LF, CZR PRESS LF (Kuraray Noritake) \*
- Creation ZI-F (Creation Willi Geller) \*

\* Not a registered trademark of HASS Corp.



# Mechanical Strength

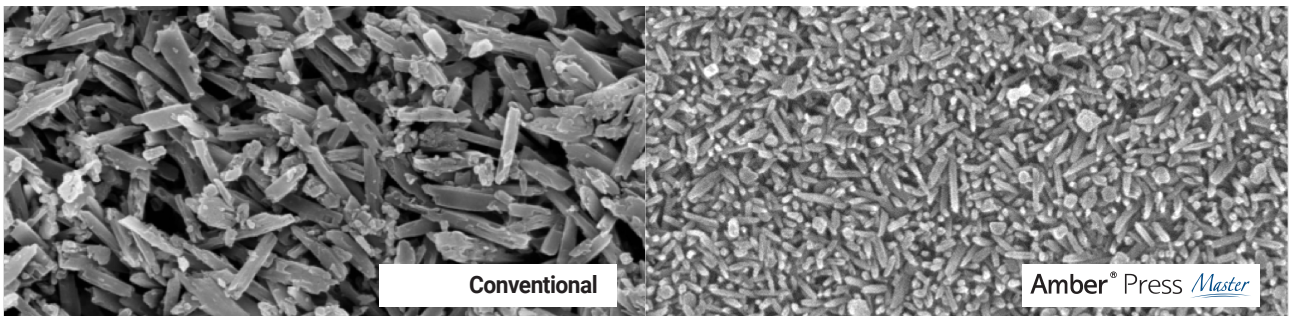
## Dynamic loading geometry



**Experimental Method of Fatigue Test**

- Testing machine: Instron 5671
- Dynamic loading geometry: load 2~800 N, 10 Hz,  $\sim 5.0 \times 10^6$  cycles

## Highly Dense structure

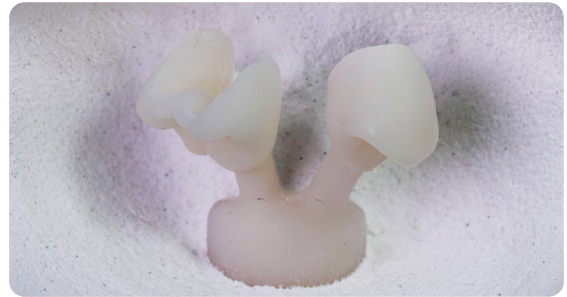


The approximately 2 times smaller size and higher density of LD crystalline indicate that the new LO is softer, tougher, and more ductile with a high crack deflection.

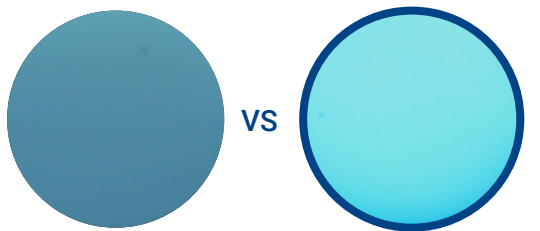
# Excellent Aesthetics

## Less reaction Layer

After pressing, very little reaction layer remains on Amber® Press Master.  
There is no need to apply any acid for clean-up, thereby ensuring a simple and nonhazardous process.

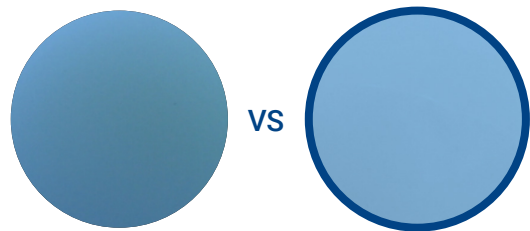


## Fluorescence



Competitor MO 0

Amber® Press *Master* LO 0



Competitor HT A1

Amber® Press *Master* HT+ 0.5

## Aesthetic Outcomes with Amber® Press Master



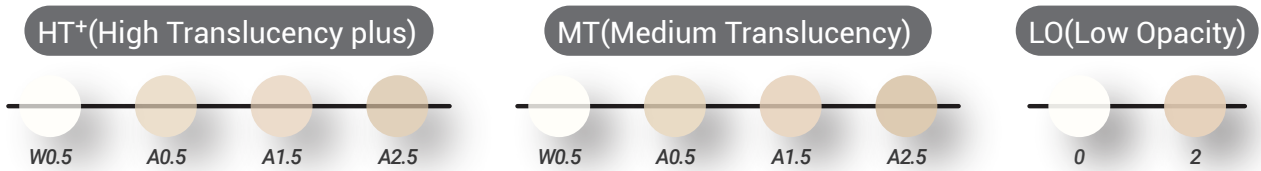
Courtesy of CDT. Christian Vordermayer



Courtesy of CDT. Cristian Petri

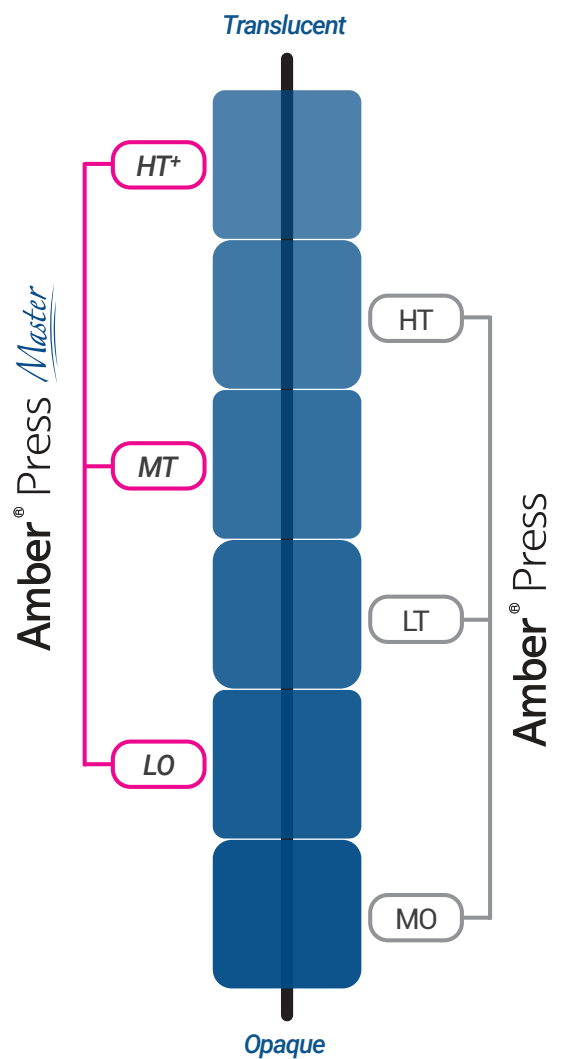
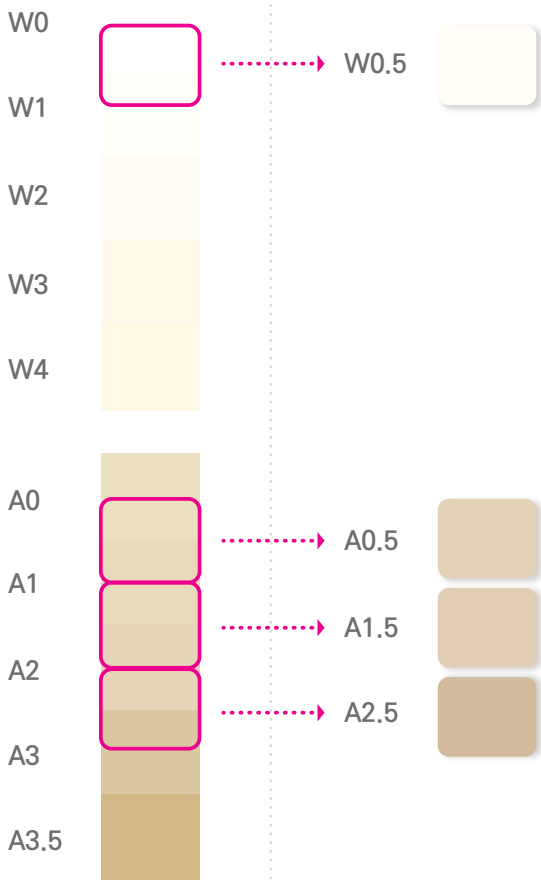
# Create Your Masterpiece

## Available shades




Amber<sup>®</sup> Press

Amber<sup>®</sup> Press *Master*



## Product Line-up

Amber® Press <i>Master</i>		Dimensions (mm)	pcs / Pack
	R10	Ø12.7 x T 10	5 ingots

## Indications



Inlays



Onlays



Veneers



Anterior Single Crowns



Posterior Single Crowns



3-Unit Bridge  
\*up to the second Premolar

## Pressing Schedules

### Austromat 654 press-i-dent

Translucency	Start Temp. (°C)	Heating Rate (°C/min)	Max. Temp. (°C)	Holding Time (min)	Pressing Duration	Press level
HT+ / MT / LO	700	60	945	20	Auto 1	5

\*Austromat 654 press-i-dent is a registered trademark of DEKEMA.

### EP3000

Translucency	Shade	Investment Ring	Stand-by Temperature	Temperature Increase	Holding Temperature	Holding time	Stop Speed
HT+ / MT / LO	ALL	Small(100g)	700	60 °C/min	935	10	300µm/min

\*EP3000 is a registered trademark of Ivoclar Vivadent.

#### NOTE: The above schedules are referential guideline only

There may be a difference between the displayed temperature and the real temperature of each furnace. When you use the Amber ingots, please verify the above standard schedule is suitable for your press furnace. If it is not, please try to find the optimum temperature through the following process.

- 1) If there are some traces of tiny bubble on the surface of the restoration  
⇒ Please reduce the maximum temperature by 5~10°C or holding time and try pressing again.
- 2) If the marginal area of the restoration is not formed completely  
⇒ Please increase the maximum temperature by 5~10°C or holding time and try pressing again.



**Christian Vordermayer** *Oral design Chiemsee / Germany*

"Amber® Press Master is the best framework option for feldspathic porcelain powders. To make natural-like aesthetic teeth, it is the material you have been waiting for."



**Uwe Gehringer** *Made by Uwe Gehringer Dental Laboratory / Germany*

"I have never used a better lithium disilicate combined with low fusing glass-ceramics than Amber® Press Master! In my opinion, there is no better material for frameworks in highly aesthetic cases that require extreme stability."



**Nondas Vlachopoulos** *AestheticLab® / Greece*

"Amber® Press Master, an exceptional material helping me manage the most important parameters for aesthetic cases, such as strength, opalescence, value, opacity, chameleodism, chroma, refraction, diffusion of the light."



**Cristian Petri** *Oral Design Clinic / Romania*

"Amber® Press Master is the missing link in the world of Lithium Disilicate and offers you unlimited possibilities at the correct value and translucency."

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