

Lithium Disilicate Press Ingots & Blocks & Disks

Rosetta

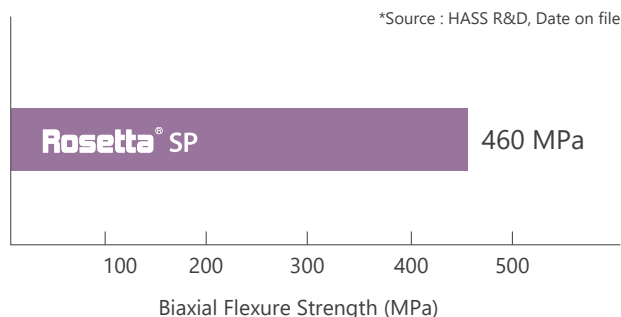
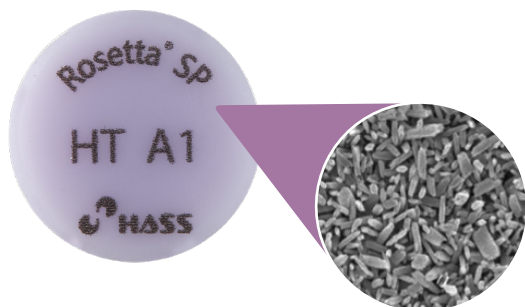


www.hassbio.com

Rosetta[®] SP

Superior Strength

Rosetta SP has excellent strength, with a biaxial flexural strength of 460 MPa after crystallization heat treatment.





Stay Simple and Safe







After pressing, there is almost no reaction layer remaining on the surface of Rosetta SP. The reaction layer can be easily removed from the surface through sandblasting, eliminating the need for acidic solutions for cleaning. With Rosetta SP, you can achieve an efficient and safe process.

*Optimize the pressing schedule before pressing.

Product Line-up

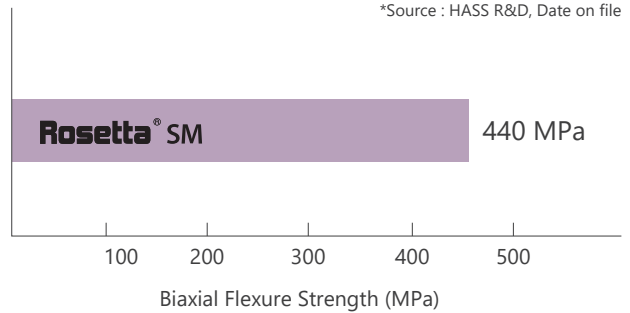
Rosetta [®] SP		Dimensions (mm)	Pcs / Pack
	R10	Ø12.67 × 10T	5 Ingots
	R20	Ø12.67 × 20T	3 Ingots

Translucency	Available Shades
HT (High Translucency) 	W1, W2, W3, W4, A1, A2, A3, A3.5, B1, B2, B3, B4, C1, C2, C3, C4, D2, D3, D4
MT (Medium Translucency) 	W1, W2, W3, W4, A1, A2, A3, B1
LT (Low Translucency) 	W1, W2, W3, W4, A1, A2, A3, A3.5, B1, B2, B3, B4, C1, C2, C3, C4, D2, D3, D4
MO (Medium Opacity) 	M00, M01, M02, M03, M04

Rosetta[®] SM Blocks

Superior Strength

Rosetta SM has a biaxial flexural strength of 440 MPa after crystallization heat treatment, characterized by stable durability.



Excellent fracture strength


- Cementation: Etching(5% HF/20sec) / IPS ceramic etching gel, Ivoclar vivadent*
Silane treatment / Monobond Plus, Ivoclar vivadent*
Resin cement / RelyX U200, 3M*
[* Not a registered trademark of HASS Corp.]





Fracture strength	Rosetta SM	Multi Zirconia (A company)
Before fatigue	2250 ± 230 N	1750 ± 230 N
After fatigue	1820 ± 100 N	1640 ± 190 N

* Source : The Journal of Prosthetic Dentistry, 2021

- Test condition: Thermocycled for 10,000 cycles (5-55°C) & Fracture strength after fatigue Group : Dynamic loading for 200,000 times (70N, 1Hz, angle of 135°)

Product Line-up

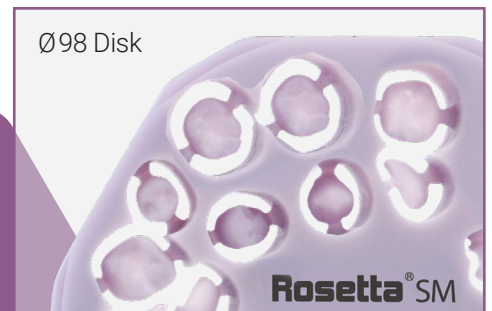
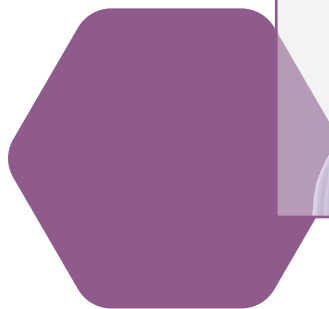
Rosetta [®] SM Blocks	Dimensions (mm)	Pcs / Pack
	C12	10 × 12 × 15
	C14	12 × 14 × 18
	C32	14 × 14 × 32
	C40	15 × 15 × 38

Translucency	Available Shades
HT (High Translucency) 	W1, W2, W3, W4, A1, A2, A3, A3.5, B1, B2, B3, B4, C1, C2, C3, C4, D2, D3, D4
MT (Medium Translucency) 	W1, A1
LT (Low Translucency) 	W1, W2, W3, W4, A1, A2, A3, A3.5, B1, B2, B3, B4, C1, C2, C3, C4, D2, D3, D4
MO (Medium Opacity) 	M00, M01, M02, M03, M04

Rosetta[®] SM Disk

Efficiency - Saving Time

A single disc can mill the same amount as 30 blocks




*Results may vary depending on the condition of the your milling machine.





Recommended Disk for Inlay Milling

We recommend Rosetta SM discs for milling without sprue connections, using plaster fixation (plaster embedding method). You can obtain more prostheses with Rosetta SM discs.



Product Line-up

Rosetta [®] SM Disk		Dimensions (mm)	Pcs / Pack
	H9808	ø98 × 8T	1 Disk
	H9810	ø98 × 10T	
	H9812	ø98 × 12T	

Translucency	Available Shades
HT (High Translucency) 	W1, W2, W3, W4, A1, A2, A3, A3.5, B1, B2, B3, B4, C1, C2, C3, C4, D2, D3, D4
MT (Medium Translucency) 	W1, A1
LT (Low Translucency) 	W1, W2, W3, W4, A1, A2, A3, A3.5, B1, B2, B3, B4, C1, C2, C3, C4, D2, D3, D4
MO (Medium Opacity) 	M00, M01, M02, M03, M04

User guide

Indications



Inlays



Onlays



Veneers



Anterior Single Crowns



Posterior Single Crowns



3-Unit Bridge
*up to the second Premolar

Recommended Heat-treatment

Please follow the recommended schedule for best results. There may be a slight difference between the indicated temperature and the actual temperature of your model, so please check the **!** Note below.

Rosetta[®] SP Recommended Pressing Schedule

Austromat Press-i-dent¹⁾

Translucency	Size	Shade	Investment Ring (g)	Start Temp (B, °C)	Heating Rate (t', °C / min.)	Max Temp (°C)	Holding time (min.)	Press duration	Press level
HT	R10	W1, W2, W3, W4, A1, A2, A3, A3.5, B1, B2, B3, B4, C1, C2, C3, C4, D2, D3, D4	100	700	60	920	20	Auto 1	6
MT									
LT									
HT	R20		200			925	40		
MT									
LT									
MO	R10	MO0, MO1, MO2, MO3, MO4	100	925	20				
	R20		200			930	40		

1) Austromat Press-i-dent is a registered trademark of DEKEMA

! Note

1) If small bubbles appear on the surface,

lower the maximum temperature by 5 to 10°C and compress again.

2) If the edges are not formed properly

- 1 Raise the maximum temperature by 5 to 10°C and press again.
- 2 Use round support pins and fixing putty during sintering.

Rosetta[®] SM Recommended Crystallization Schedule

PROGRAMAT¹⁾, FOCUS²⁾

Stand-by temperature B [°C]	Closing time S [min]	Heating rate t ₁ [°C]	Firing temperature T ₁ [°C]	Holding time H ₁ [min]	VAC1 / VAC2	Long-term cooling L [°C]	Cooling time t _l [°C]
430	6:00	60	840	10:00	550/840	690	0

1) PROGRAMAT is a registered trademark of Ivoclar Vivadent.
2) FOCUS is a registered trademark of Shenpaz.

! Note

If changes occur in the shape of the restoration during the crystallization heat treatment, please lower the final temperature by 10–15°C.

The item names indicated in the schedule table may vary depending on the model you are using.

Rosetta® SP



Courtesy of Danilo Bernardes

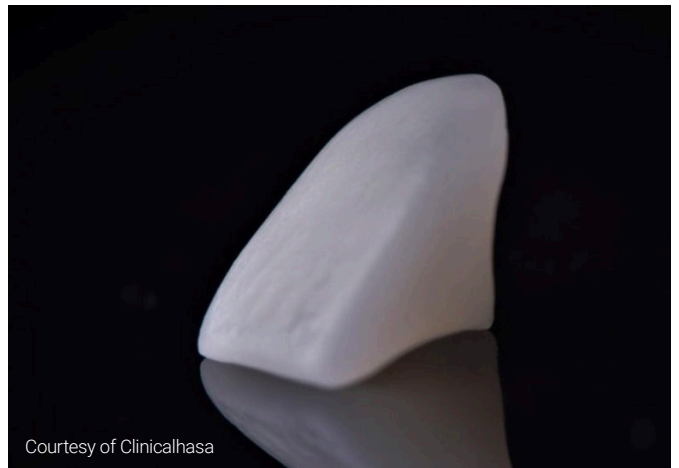


Courtesy of Danilo Bernardes

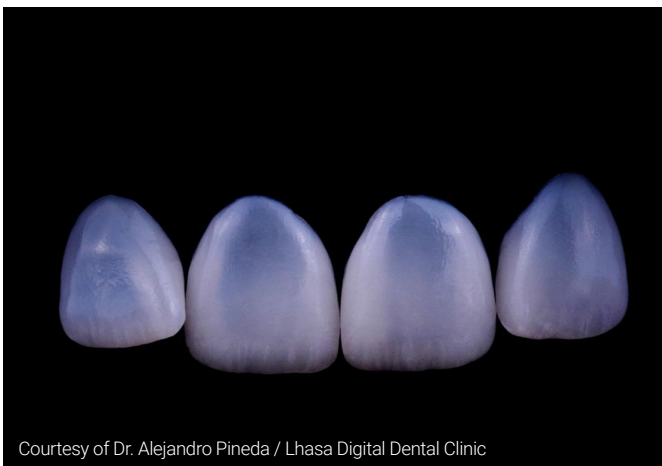
Rosetta® SM



Courtesy of CDT. Isaak Coimbra



Courtesy of Clinicalhasa



Courtesy of Dr. Alejandro Pineda / Lhasa Digital Dental Clinic



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