

Dentium Zirconia Block

bright / rainbow



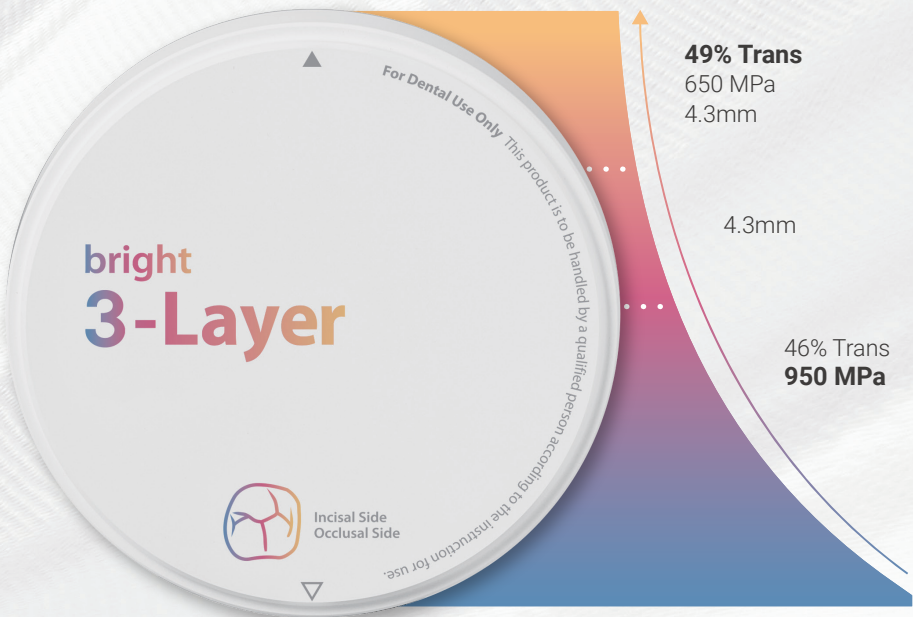
Dentium

bright 3-Layer

No Coloring & Staining, Only Glazing

- 49% Translucency
- Naturally blended layers

A1 / A2 / A3 / A3.5



bright Mono

2hr Fast Sintering

- 47% Translucency
- 800 MPa Strength

A1 / A2 / A3 / A3.5



rainbow™ **Shine-T**

Maximum Strength Natural Aesthetic

- 1100 MPa Strength
- Indicated for all cases

A0 / A2 / A3



Find Your Perfect Fit

Layer	Multi		Shade
Product	bright 3-Layer 	bright Mono 	rainbow Shine-T 
Strength	Incisal : 650 MPa Cervial : 950 MPa	800 MPa	1100 MPa
Translucency	Incisal : 49% Cervial : 46%	47%	45%
Indication	Up to 3-bridge	Up to 3-bridge	Single to long span bridge
Shade	A1, A2, A3, A3.5	A1, A2, A3, A3.5	A0, A2, A3
Thickness (mm)	14, 16, 18, 22	12, 14, 16, 18	12, 14, 16, 18, 20, 22, 24

bright 3-Layer

- No Coloring & Staining, Only Glazing



Milling



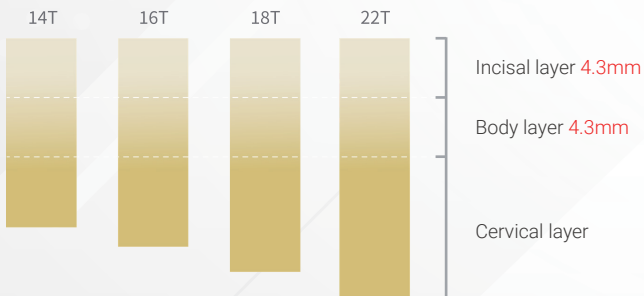
Glazing



Final Prosthesis

Easy Handling with Fixed Incisal and Body Layers

A fixed multilayer structure enables efficient fabrication and consistent shade with a bright 3-Layer design.



*Only the cervical layer increases with block thickness

bright 3-Layer



Combining Strength with Esthetics

49% incisal translucency makes it ideal for esthetic anteriors, while 950 MPa cervical strength supports single crowns to 3-unit bridges.

- 4.9Y Incisal layer (49%, 650MPa)
- 4.7Y Body layer
- 4.3Y Cervical layer (46%, 950MPa)

Case Block	Single Crown		Bridge		
	Anterior	Posterior	Anterior	Posterior	Full Arch
					
bright 3-Layer	●	●	●	●	

● Recommend ○ Possible



Minimized Interlayer Delamination

bright 3-Layer minimizes delamination with $\leq 0.05\%$ shrinkage difference between layers, ensuring high stability.

Cervical layer

Body layer

Incisal layer

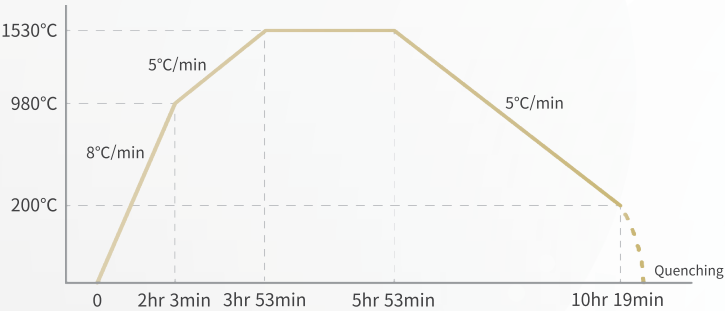
Body Layer Shade Matched with Shade Guide

bright 3-Layer matches the body layer shade to the shade guide, providing intuitive shade selection and reproducing lifelike, natural tooth colors.



Sintering Schedule

bright 3-Layer maintains consistent shade across all furnaces.



*Recommended for bright 3-Layer,
Adjust sintering speed and temperature based on material type and restoration size.

Thickness (mm)	Shade			
	A1	A2	A3	A3.5
14	AMT9814WEA1	AMT9814WEA2	AMT9814WEA3	AMT9814WEA3.5
16	AMT9816WEA1	AMT9816WEA2	AMT9816WEA3	AMT9816WEA3.5
18	AMT9818WEA1	AMT9818WEA2	AMT9818WEA3	AMT9818WEA3.5
22	AMT9822WEA1	AMT9822WEA2	AMT9822WEA3	AMT9822WEA3.5

*For thicknesses not listed in the table above, please contact Dentium.

Clinical Cases

Case 1



Milling



Only Glazing



Final Prosthesis

Case 2



Milling



Only Glazing



Final Prosthesis

Case 3



Milling



Only Glazing



Final Prosthesis

Case 4



Milling



Only Glazing



Final Prosthesis

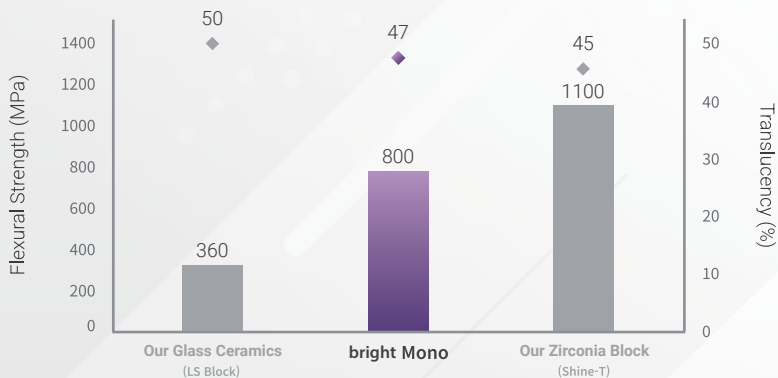
bright Mono

- 2hr Fast Sintering



Minimized Occlusal Wear

bright Mono offers intermediate strength between glass ceramics and 4Y zirconia, reducing the need for occlusal adjustment.



bright Mono



47% Translucency, 800 MPa Strength

Offers 47% translucency and 800 MPa strength for unrestricted use, even in bridge cases.

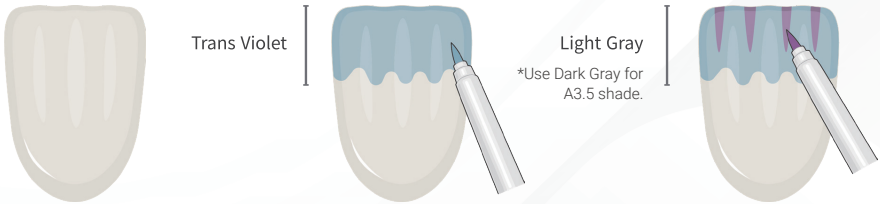
4.5Y One layer (47%, 800MPa)

Case Block	Single Crown		Bridge		
	Anterior	Posterior	Anterior	Posterior	Full Arch
bright Mono	●	●	○	○	

● Recommend ○ Possible

Easy Restorations with Minimal Coloring

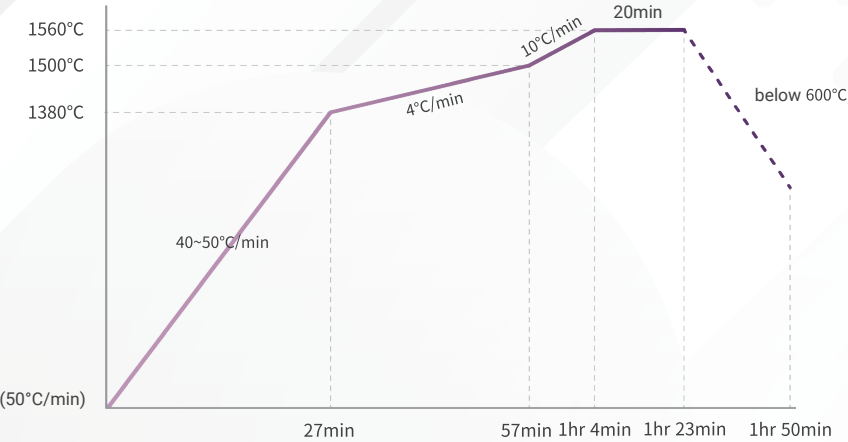
With just simple staining on the cut surface, bright Mono enables effortless and aesthetic restorations.



*Recommended for use with Dentium's rainbow Shine Liquid-Pen Type

Free Choice between Fast and Conventional Sintering

With strength and translucency comparable to 10-hour conventional sintering, 2-hour fast sintering allows flexible use depending on the operator's preference.



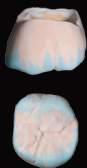
*Recommended for bright Mono,
Adjust sintering speed and temperature based on material type and restoration size.

Thickness (mm)	Shade			
	A1	A2	A3	A3.5
12	AMT9812WMA1	AMT9812WMA2	AMT9812WMA3	AMT9812WMA3.5
14	AMT9814WMA1	AMT9814WMA2	AMT9814WMA3	AMT9814WMA3.5
16	AMT9816WMA1	AMT9816WMA2	AMT9816WMA3	AMT9816WMA3.5
18	AMT9818WMA1	AMT9818WMA2	AMT9818WMA3	AMT9818WMA3.5

*For thicknesses not listed in the table above, please contact Dentium

Clinical Cases

Case 1



Coloring

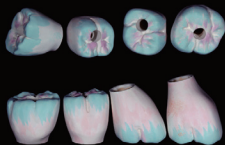


2hr Fast Sintering

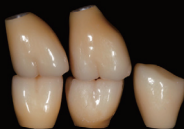


Final Prosthesis

Case 2



Coloring



2hr Fast Sintering



Final Prosthesis

Case 3



Coloring



2hr Fast Sintering

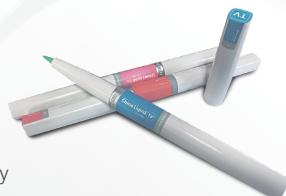


Final Prosthesis

Use it with **bright Mono**

rainbow
Shine Liquid / Pen Type

- Optimized for coloring bright Mono
- Body shade development with simple brushing — no dipping required
- Available in 3 shades for incisal use: Trans Violet, Light Grey, Dark Grey



rainbow™ Shine-T

- Maximum Strength
- Natural Aesthetic



Maximum Strength, Natural Aesthetic

Stronger and more translucent than competitors, offering natural beauty and durability.



Coloring



Glazing



Final Prosthesis

rainbow™ Shine-T



Indicated for all cases

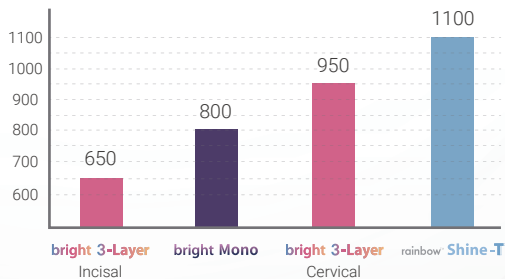
45% translucency and 1100 MPa flexural strength allow unlimited application across all indications

4.5V One layer (45%, 1100MPa)

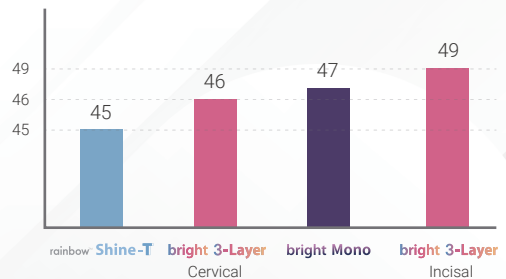
Case Block	Single Crown		Bridge		
	Anterior	Posterior	Anterior	Posterior	Full Arch
					
rainbow™ Shine-T	●	●	●	●	○

● Recommend ○ Possible

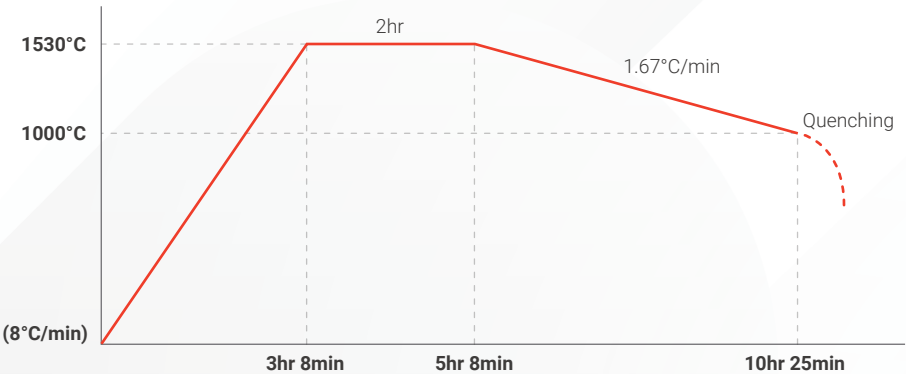
Strength (MPa)



Translucency (%)



Sintering Schedule



*Recommended for rainbow Shine-T,
Adjust sintering speed and temperature based on material type and restoration size.

Height (mm)	Shade		
	A0	A2	A3
12	SH9812WA0	SH9812WA2	SH9812WA3
14	SH9814WA0	SH9814WA2	SH9814WA3
16	SH9816WA0	SH9816WA2	SH9816WA3
18	SH9818WA0	SH9818WA2	SH9818WA3
20	SH9820WA0	SH9820WA2	SH9820WA3
22	SH9822WA0	SH9822WA2	SH9822WA3
24	SH9824WA0	SH9824WA2	SH9824WA3

*For thicknesses not listed in the table above, please contact Dentium

Clinical Cases

Case 1



Coloring

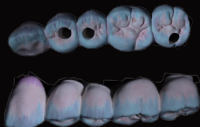


Sintering



Final Prosthesis

Case 2



Coloring



Sintering



Final Prosthesis

Case 3



Coloring



Sintering



Final Prosthesis

Use it with rainbow Shine-T

rainbowTM Paste Stain SE

- Consistent color before and after sintering
- Excellent spreadability and adhesion for easy, convenient use
- Wide range of applications



Dentium