Dentium Zirconia Block

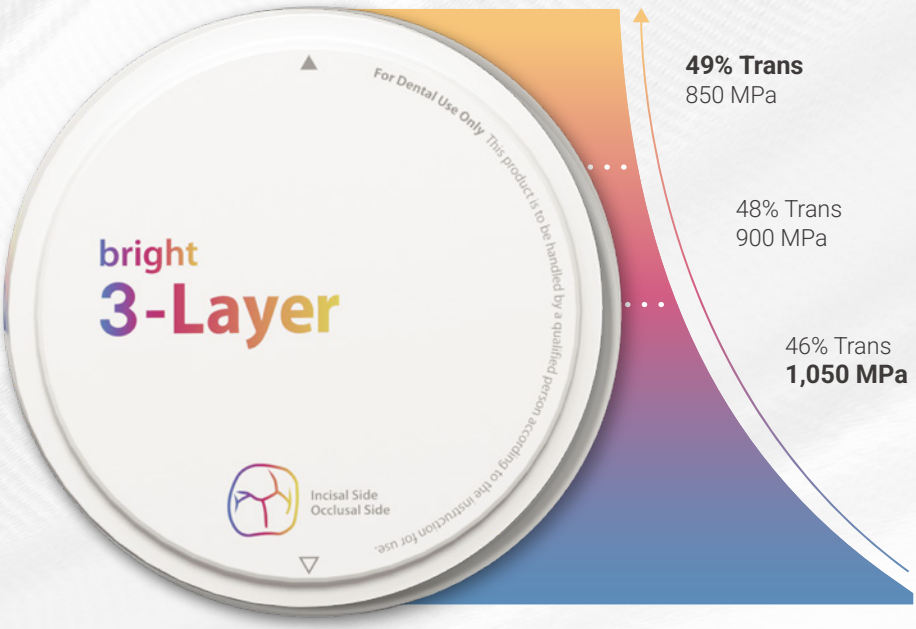
bright / rainbow

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

- 1,100 MPa Strength
- Indicated for all cases

A0 / A2 / A3

Find Your Perfect Fit

Layer	Multi	Shade	
	bright 3-Layer	bright Mono	rainbow™ Shine-T
Product			
Strength (MPa)	850 - 1,050 (Incisal - Cervial)	800	1,100
Translucency (%)	49 - 46 (Incisal - Cervial)	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, 30

bright 3-Layer

- No Coloring & Staining, Only Glazing

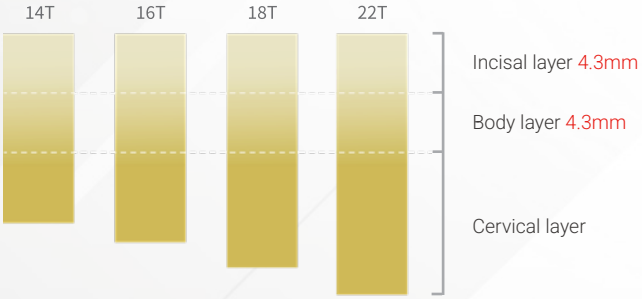
Milling

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

With 49% incisal translucency and 1,050 MPa cervical strength,
it provides esthetics for anterior restorations and durability for posterior use.

- 4.9Y Incisal layer (49%, 850MPa)
- 4.7Y Body layer (48%, 900MPa)
- 4.3Y Cervical layer (46%, 1,050MPa)

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 ≤0.05% shrinkage difference between layers, ensuring high stability.

Cervical layer

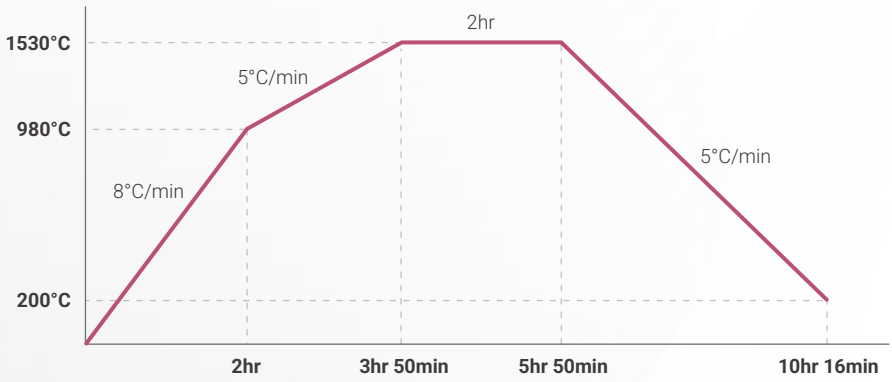
Body layer

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



*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

Case 2

Case 3

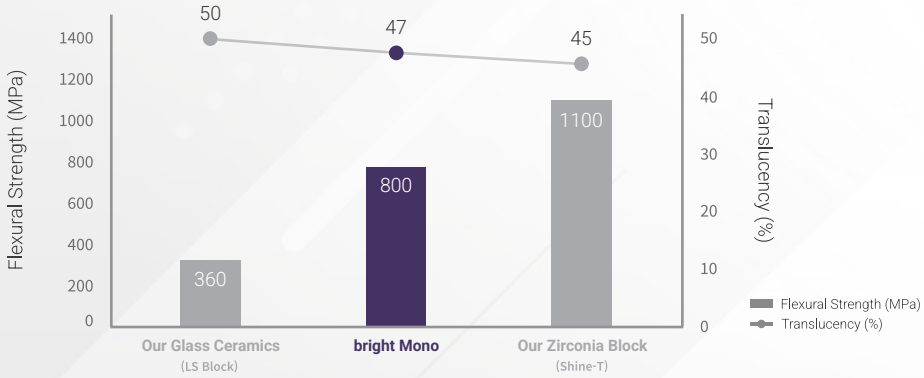
Case 4

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.

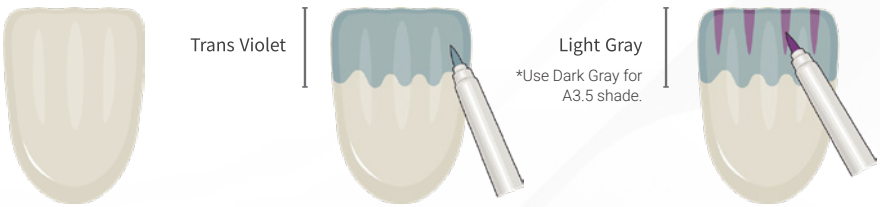
4.5Y One layer (47%, 800MPa)

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

● Recommend ○ Possible

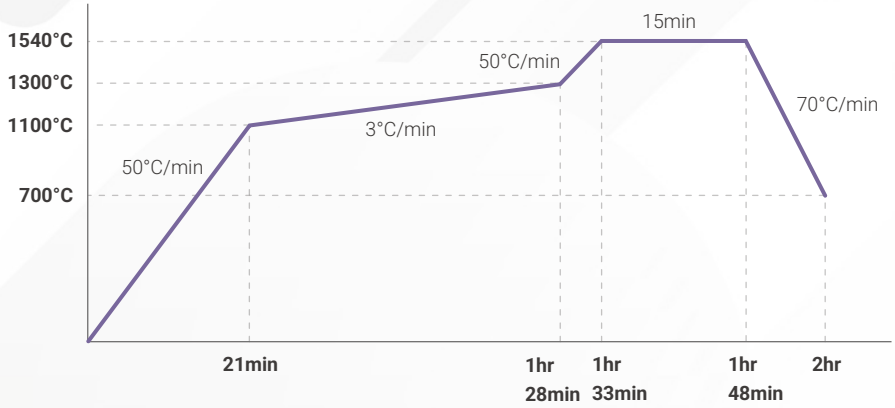
Easy Restorations with Minimal Coloring

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

Sintering Schedule



*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

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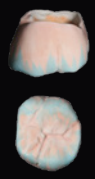
Clinical Cases

Case 1


Coloring

2hr Fast Sintering

Final Prosthesis

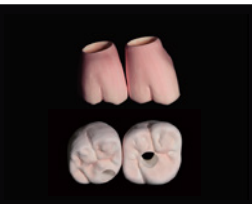
Case 2

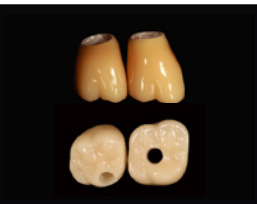
Coloring

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.

rainbow™ Shine-T

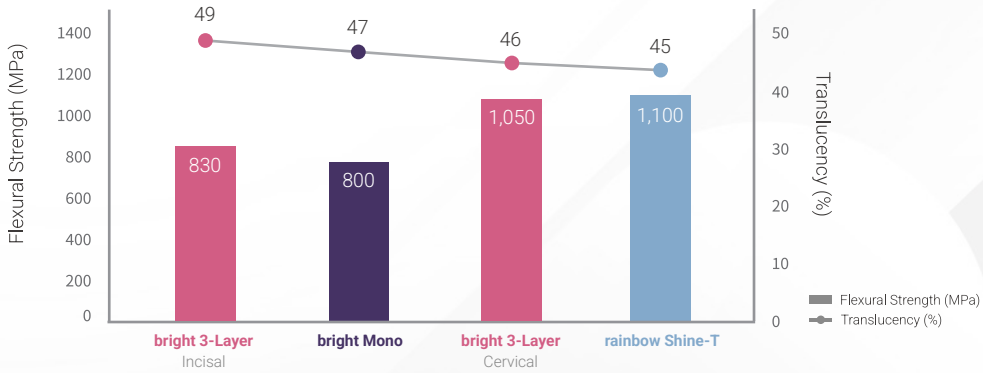
Indicated for all cases

45% translucency and 1,100 MPa flexural strength allow unlimited application across all indications

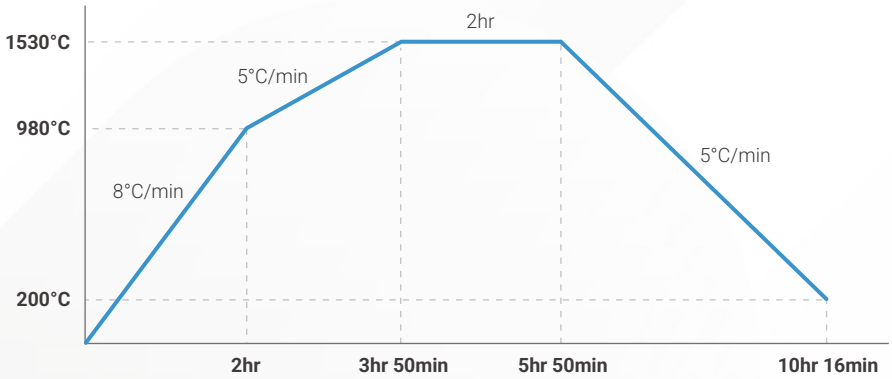
4Y One layer (45%, 1,100MPa)

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

● Recommend ○ Possible



Sintering Schedule



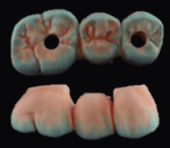
*Recommended for rainbow Shine-T,
Adjust sintering speed and temperature based on material type and restoration size.

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
30	SH9830WA0	SH9830WA2	SH9830WA3

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

Clinical Cases

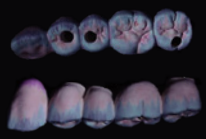
Case 1


Coloring

Sintering

Final Prosthesis

Case 2


Coloring

Sintering

Final Prosthesis

Case 3

Coloring

Sintering

Final Prosthesis

Use it with rainbow Shine-T

rainbow™ Paste Stain SE

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

Dentium

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Dentium

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