

VERICOM

PRODUCT CATALOG

Dental Materials · Laboratory Materials · Equipment

Dental Materials | Nano Hybrid Composite

DenFil N

Light-cured Restorative Nano Hybrid Composite Resin



FEATURES AND BENEFITS

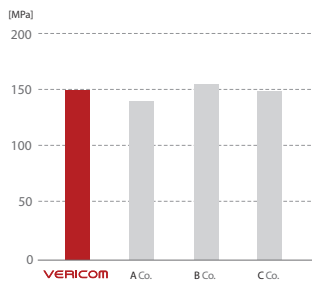
- DenFil N is a universal nano-hybrid composite for use in both posterior and anterior restoration which meets the requirement of ISO 4049.
- DenFil N adopts the Multi Nano-sized Particle distribution Technology (MNPT). It has highly esthetic appearance and natural shade blending with surrounding tooth structure by MNPT.
- DenFil N has the advantage of optimal handling and non-slumping.

INDICATIONS

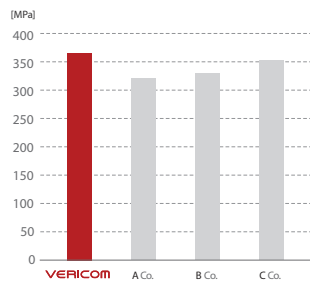
- Posterior (class I, II, V) and anterior (class III, IV, V) restoration
- Core build-up
- Splinting

TECHNICAL DATA

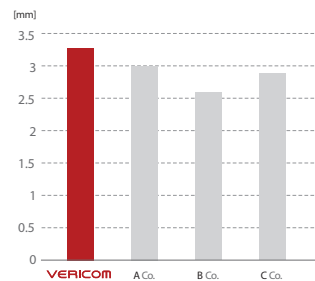
• Flexural strength



• Compressive strength



• Depth of cure



PACKAGE

● 5 Syringe kit (4g x 5syringes)

- Shade: A pack (A1, A2, A3, A3.5, B2)
- B pack (A2, A3, A3.5, B1, B2)
- C pack (A1, A2, A3, A3.5, B1)

● 8 Syringe kit (4g x 8syringes)

- Shade : A pack (A1, A2, A3, A3.5, B2, A2O, A3O, BL)
- B pack (A2, A3, A3.5, B1, B2, C1, A2O, BL)
- C pack (A1, A2, A3, A3.5, B1, C1, A2O, A3O)

※ Common

- BC Plus x 1bottle + Etchant 3ml x 1syringe
or U-Bond 5ml x 1bottle
- Accessories: Brushes, Instrument, Mixing well,
Mixing pad, Disposable tips (Blue)

● Intro Kit (2g x 3syringes)

- Shade : A pack (A1, A2, A3)
- B pack (A2, A3, A3.5)
- C pack (A2, A3, B2)

● Refill (4g x 1syringe)

- Shade : A1, A2, A3, A3.5, B1, B2, C1, A2O, A3O, BL

● Capsule (0.25g x 20ea)

- Shade : A1, A2, A3, A3.5, B1, B2, C1, A2O, A3O, BL

ALL PRODUCTS				PRODUCT CODE	KFDA Reg. CODE	
DenFil N Kit	5 Syringes	※BC Plus	A Pack	A1, A2, A3, A3.5, B2	DN104-A00B	DenFil N 2200
			B Pack	A2, A3, A3.5, B1, B2	DN104-B00B	DenFil N 2201
			C Pack	A1, A2, A3, A3.5, C1	DN104-C00B	DenFil N 2202
		※U-Bond	A Pack	A1, A2, A3, A3.5, B2	DN104-A00U	DenFil N 2203
			B Pack	A2, A3, A3.5, B1, B2	DN104-B00U	DenFil N 2204
			C Pack	A1, A2, A3, A3.5, C1	DN104-C00U	DenFil N 2205
	8 Syringes	BC Plus	A Pack	A1, A2, A3, A3.5, B2, A2O, A3O, BL	DN132-A00B	DenFil N 2300
			B Pack	A2, A3, A3.5, B1, B2, C1, A2O, BL	DN132-B00B	DenFil N 2301
			C Pack	A1, A2, A3, A3.5, B1, C1, A2O, A3O	DN132-C00B	DenFil N 2302
		U-Bond	A Pack	A1, A2, A3, A3.5, B2, A2O, A3O, BL	DN132-A00U	DenFil N 2303
			B Pack	A2, A3, A3.5, B1, B2, C1, A2O, BL	DN132-B00U	DenFil N 2304
			C Pack	A1, A2, A3, A3.5, B1, C1, A2O, A3O	DN132-C00U	DenFil N 2305

※BC Plus (5th generation bonding agent) 5ml x 1bottle & Etchant 3ml x 1syringe / U-Bond (7th generation bonding agent) 5ml x 1bottle

ALL PRODUCTS			PRODUCT CODE	KFDA Reg. CODE
DenFil N Intro Kit	A Pack	A1, A2, A3	DN102-A000	DenFil N 2400A
	B Pack	A2, A3, A3.5	DN102-B000	DenFil N 2400B
	C Pack	A2, A3, B2	DN102-C000	DenFil N 2400C

ALL PRODUCTS		PRODUCT CODE	KFDA Reg. CODE
DenFil N Refill	A1	DN104-RA11	DenFil N 2100A1
	A2	DN104-RA22	DenFil N 2100A2
	A3	DN104-RA33	DenFil N 2100A3
	A3.5	DN104-RA35	DenFil N 2100A3.5
	B1	DN104-RB11	DenFil N 2100B1
	B2	DN104-RB22	DenFil N 2100B2
	C1	DN104-RC11	DenFil N 2100C1
	A2O	DN104-RA2O	DenFil N 2100A2O
	A3O	DN104-RA3O	DenFil N 2100A3O
	BL	DN104-R0BL	DenFil N 2100BL

ALL PRODUCTS		PRODUCT CODE	KFDA Reg. CODE
DenFil N Capsule	A1	DN205-RA11	DenFil N 2101A1
	A2	DN205-RA22	DenFil N 2101A2
	A3	DN205-RA33	DenFil N 2101A3
	A3.5	DN205-RA35	DenFil N 2101A3.5
	B1	DN205-RB11	DenFil N 2101B1
	B2	DN205-RB22	DenFil N 2101B2
	C1	DN205-RC11	DenFil N 2101C1
	A2O	DN205-RA2O	DenFil N 2101A2O
	A3O	DN205-RA3O	DenFil N 2101A3O
	BL	DN205-R0BL	DenFil N 2101BL

DenFil

Light-cured Restorative Hybrid Composite Resin



FEATURES AND BENEFITS

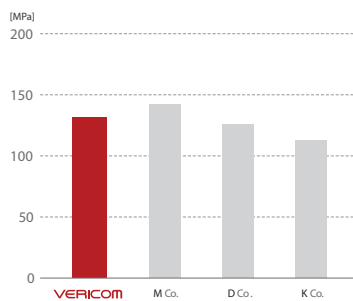
- It is designed to minimize polymerization shrinkage by inorganic fillers high loading, thus DenFil has excellent marginal sealing and surface texture.
- By adopting optimal polymerization initiator system, DenFil has high strength and abrasion resistance.
- As DenFil contains radiopaque filler, any diagnosis using X-ray is convenient.
- Also it has a suitable viscosity for restoration. DenFil shows an excellent workability.
- DenFil meets the requirements of ISO4049.

INDICATIONS

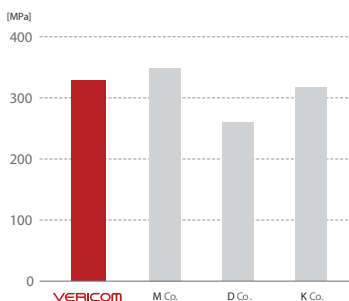
- Posterior (class I, II, V) and anterior (class III, IV, V) restoration
- Core build-up
- Splinting

TECHNICAL DATA

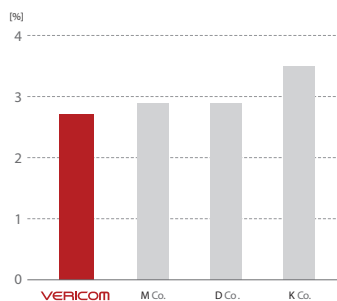
- Flexural strength



- Compressive strength



- Polymerization shrinkage



PACKAGE

● Kit (4g x 5syringes)

- Shade : A pack (A1, A2, A3, A3.5, B2)

B pack (A2, A3, A3.5, B2, B3)

C pack (A1, A2, A3, A3.5, C2)

- Bonding agent 5ml x 1bottle + Etchant 3ml x 1syringe

- Accessories : Brushes, Instrument, Mixing well, Mixing pad, Disposable tips (Blue)

● Refill (4g x 1syringe)

- Shade

: A1, A2, A3, A3.5, A4, B1, B2, B3, C2, C3, D3, A2O, A3O, I, P, E

● Capsule (0.25g x 20ea)

- Shade

: A1, A2, A3, A3.5, A4, B1, B2, B3, C2, C3, D3, A2O, A3O, I, P, E

ALL PRODUCTS		PRODUCT CODE	KFDA Reg. CODE	
DenFil Kit	A Pack	A1, A2, A3, A3.5, B2	DF104-A000	DenFil 2200
	B Pack	A2, A3, A3.5, B2, B3	DF104-B000	DenFil 2201
	C Pack	A1, A2, A3, A3.5, C2	DF104-C000	DenFil 2202

ALL PRODUCTS		PRODUCT CODE	KFDA Reg. CODE
DenFil Refill	A1	DF104-RA11	DenFil 2100A1
	A2	DF104-RA22	DenFil 2100A2
	A3	DF104-RA33	DenFil 2100A3
	A3.5	DF104-RA35	DenFil 2100A3.5
	A4	DF104-RA44	DenFil 2100A4
	B1	DF104-RB11	DenFil 2100B1
	B2	DF104-RB22	DenFil 2100B2
	B3	DF104-RB33	DenFil 2100B3
	C2	DF104-RC22	DenFil 2100C2
	C3	DF104-RC33	DenFil 2100C3
	A2O	DF104-ROA2	DenFil 2100A2O
	A3O	DF104-ROA3	DenFil 2100A3O
	I	DF104-RI00	DenFil 2100I
	P	DF104-RP00	DenFil 2100P
	E	DF104-RE00	DenFil 2100E
D3	DF104-RD33	DenFil 2100D3	

ALL PRODUCTS		PRODUCT CODE	KFDA Reg. CODE
DenFil Capsule	Kit	DF205-A000	-
	A1	DF205-RA11	DenFil 2101A1
	A2	DF205-RA22	DenFil 2101A2
	A3	DF205-RA33	DenFil 2101A3
	A3.5	DF205-RA35	DenFil 2101A3.5
	A4	DF205-RA44	DenFil 2101A4
	B1	DF205-RB11	DenFil 2101B1
	B2	DF205-RB22	DenFil 2101B2
	B3	DF205-RB33	DenFil 2101B3
	C2	DF205-RC22	DenFil 2101C2
	C3	DF205-RC33	DenFil 2101C3
	A2O	DF205-ROA2	DenFil 2101A2O
	A3O	DF205-ROA3	DenFil 2101A3O
	I	DF205-RI00	DenFil 2101I
	P	DF205-RP00	DenFil 2101P
	E	DF205-RE00	DenFil 2101E
	D3	DF205-RD33	DenFil 2101D3

DenFil Bulk Flow

Light-cured Flowable Bulk Fill Restorative Material



FEATURES AND BENEFITS

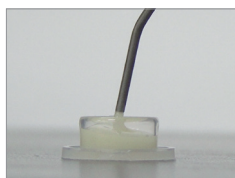
- Fast and easy procedure
- One increment up to 4mm
- Void-Free
- High radiopaque
- Good cavity adaptation
- Excellent wear resistance
- Low polymerization shrinkage and polymerization stress
- High flexural strength and low flexural modulus
- Satisfaction of the ISO 4049 requirements

INDICATIONS

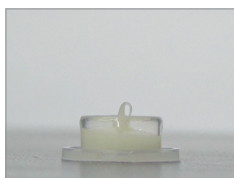
- Base/Liner under direct restorations (Class I, II)
- Blocking out of undercuts
- Repair of composite/ceramic veneers
- Anterior restorations (Class III, IV)
- Class V restorations (cervical caries, root erosion, wedge shaped defects)

TECHNICAL DATA

- Fast and easy application



Before self-leveling



3 seconds after self-leveling



5 seconds after self-leveling

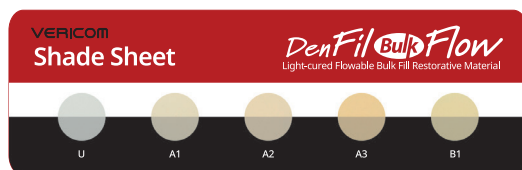
Self-Leveling phenomenon allows fast and easy application, and 4mm increment reduces chair-time.

Flowability is the main feature of this material and it is obviously faster and easier to perform restoration of tooth not only for children but also adults.

- Blend in with surrounding teeth

[DenFil BulkFlow's **CHAMELEON EFFECT** that ensures a natural shade blend in with surrounding color]

Chameleon effect that ensures a natural shade blend imparts a natural appearance to the tooth.



Water



DenFil BulkFlow Monomer

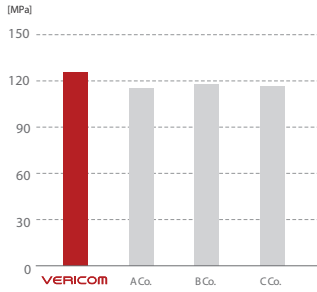


Before Restoration

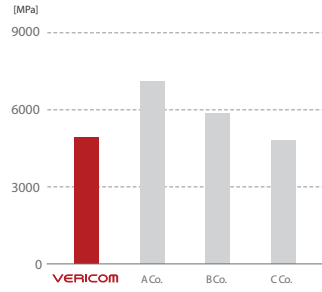


After Restoration

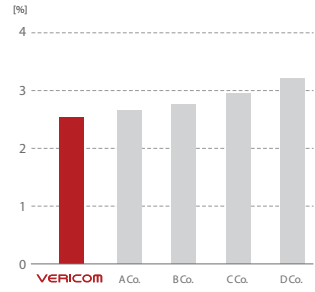
● Flexural strength



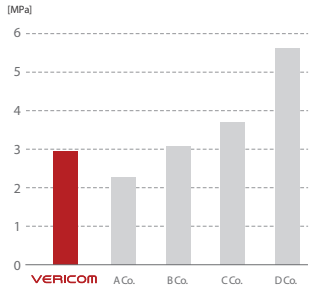
● Flexural modulus



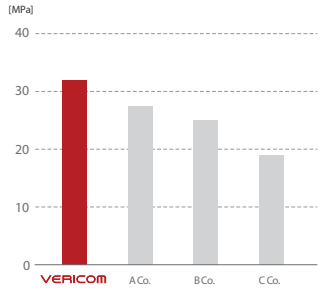
● Polymerization shrinkage



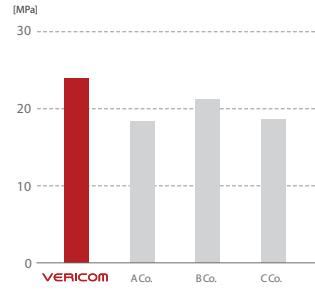
● Shrinkage stress



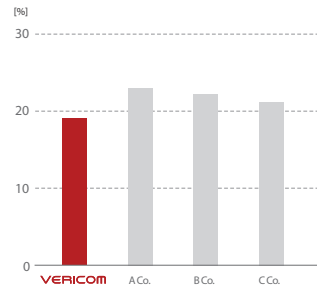
● Bonding strength of enamel



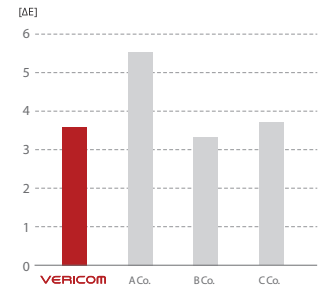
● Bonding strength of dentin



● Wear(5,000cycles)



● Color stability



PACKAGE

● A Type (2g x 1syringe or 2g x 2syringes)

- Shade: U, A1, A2, A3, B1

- Accessories: Disposable tips

ALL PRODUCTS		PRODUCT CODE	KFDA Reg. CODE	
A Type	2g x 1 syringe	U	BR102-RU0T	DenFil BulkFlow MTU
		A1	BR102-RA1T	DenFil BulkFlow MTA1
		A2	BR102-RA2T	DenFil BulkFlow MTA2
		A3	BR102-RA3T	DenFil BulkFlow MTA3
		B1	BR102-RB1T	DenFil BulkFlow MTB1
	2g x 2 syringes	U	BR104-RU0T	DenFil BulkFlow MTU
		A1	BR104-RA1T	DenFil BulkFlow MTA1
		A2	BR104-RA2T	DenFil BulkFlow MTA2
		A3	BR104-RA3T	DenFil BulkFlow MTA3
		B1	BR104-RB1T	DenFil BulkFlow MTB1

DenFil Flow

Light-cured Radiopaque Flowable Composite Resin



FEATURES AND BENEFITS

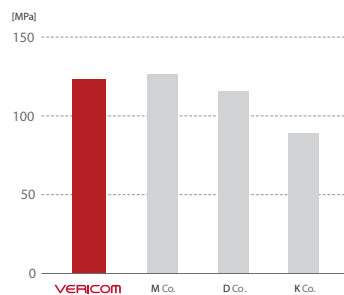
- DenFil Flow is a light-cured radiopaque flowable composite resin, which meets the requirements of ISO4049, has low shrinkage and good mechanical properties.
- DenFil Flow is designed to provide optimum flowability and handling can be used for restoration narrow & deep cavity as well as cervical area.
- DenFil Flow contains micro-hybrid fillers that provide excellent color adaptability, nature-like esthetics and high-gloss polishability.
- VERICOM supplies the low viscosity type besides universal viscosity type for special clinical application.
- Low viscosity type (Refill shade: A2, A3) is effective for narrow and complex part restoration.

INDICATIONS

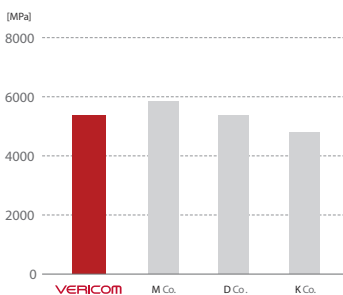
- Restorations of Class III, Class V, Smaller Class IV
- Base/liner in the Class I, Class II restorations
- Repair of resin, porcelain, and acrylic temporary materials
- Restoration of minimally invasive cavity preparations
- Pit and fissure sealant
- Undercut blackout

TECHNICAL DATA

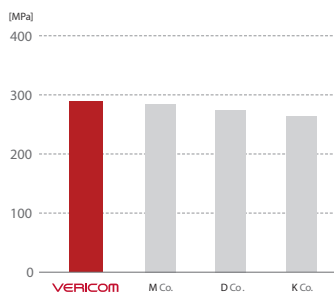
• Flexural strength



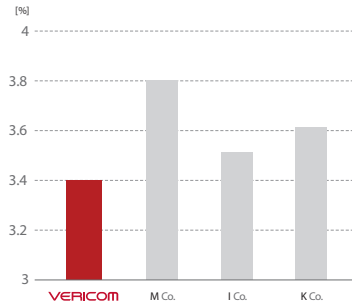
• Flexural modulus



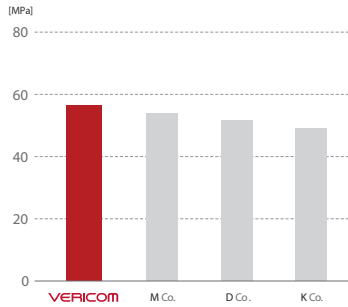
• Compressive strength



● Polymerization Shrinkage



● Diametral tensile strength



PACKAGE

● Kit (2g x 4syringes)

- Shade : A pack (A2, A3, A3.5, B2)
- B pack (A2)
- C pack (A3)
- D pack (A3.5)
- Disposable tips (Black)

● Refill (2g x 1syringe)

- Shade : A1, A2, A3, A3.5, B2, B3, C2, A20, A30, A2L, A3L, I

ALL PRODUCTS		PRODUCT CODE	KFDA Reg. CODE
DenFil Flow Kit	A Pack	A2, A3, A3.5, B2	FR102-A000
	B Pack	A2 x 4syringes	FR102-B000
	C Pack	A3 x 4 syringes	FR102-C000
	D Pack	A3.5 x 4 syringes	FR102-D000

ALL PRODUCTS		PRODUCT CODE	KFDA Reg. CODE
DenFil Flow Refill	A1	FR102-RA11	DenFil Flow 5100A1
	A2	FR102-RA22	DenFil Flow 5100A2
	A3	FR102-RA33	DenFil Flow 5100A3
	A3.5	FR102-RA35	DenFil Flow 5100A3.5
	B2	FR102-RB22	DenFil Flow 5100B2
	B3	FR102-RB33	DenFil Flow 5100B3
	C2	FR102-RC22	DenFil Flow 5100C2
	A20	FR102-RA20	DenFil Flow 5100A20
	A30	FR102-RA30	DenFil Flow 5100A30
	A2L	FR102-RA2L	DenFil Flow 5100A2L
	A3L	FR102-RA3L	DenFil Flow 5100A3L
	I	FR102-RI00	DenFil Flow 5100I