



NACERA INSIDE

CAD CAM MATERIALS AND SUPPLIES

PRODUCT CATALOG 2017

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** Amann Girrbach is a registeredmark of Amann Girrbach AG, Koblach (Austria)



01

NACERA[®]

01

SEE THE DIFFERENCE.

All ceramics are not created equal ... We know that achieving the most natural look is paramount to you and your patients, and it's critical to us, too. SEE the difference with the highest levels of Strength, Esthetic and Expertise in the industry; it's the three legs of the Nacera core.

STRENGTH:

Through our proprietary manufacturing and testing methods, we create the strongest dental ceramics possible so you and your patients can be certain to getting the best, every time.

ESTHETIC:

You as a dental partner and your patients demanding the most natural-looking restorations and so do we. With Nacera, you get industry-leading beauty combined with industry-leading strength so patients feel confident that their teeth look as good as they feel.

EXPERTISE:

Passionate about what they do, our team of technicians and engineers are experts at their craft, and every Nacera product is a testament to that. They are constantly striving to be the best, and that drive ensures you receive the best.

Those three elements are inside every Nacera product. They're our difference and, quite frankly, they're our customers' difference. All ceramics are not created equal, and what's inside matters.



02

NACERA®
ZIRCONIA

02

RIGHT THE FIRST TIME. WITH NACERA® INSIDE.

We don't believe in do-overs; we believe in getting it right the first time, every time. But for some, product purity, consistently pressed pucks and stringent quality assurance have become the exception rather than the norm in our industry. Too often, labs and dentists have been forced to accept low-quality products. Many have defaulted to the lowest common denominator - not by choice, but out of necessity.

It doesn't have to be that way. It shouldn't be that way. Because every time a restoration gets sent back, that's more time, more material and more money. And this is a business after all.

That's why we've created a multi-step quality control process to ensure quality and consistency. That's why we use only the highest quality pure zirconium oxide to create a powerful ceramic base that will outlast the toughest wear-and-tear and achieve the most natural-looking, enamel-like translucency.

That's why we've built the industry's deepest team of technical experts to drive our process and deliver our products. It's time to change the game. It's time bolster your bottom line. It's time to EXPECT MORE.

Nacera® Zirconia concept - one solution for all requirements

ST

Semi Translucency

Multilayer

Preshade

White



Shell 2 + 3



Shell 1

Strength

HT

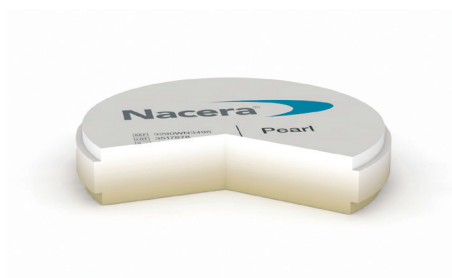
High Translucency



Pearl Multi-Shade

UHT

Ultra High Translucency



Pearl Q³ Multi-Shade



Pearl Shaded 16 + 2



Pearl Shaded 16 + 2 + Blue X








Pearl 1 + Classic Liquid






Efficiency ↑

Transparency

Nacera® Indication Guide

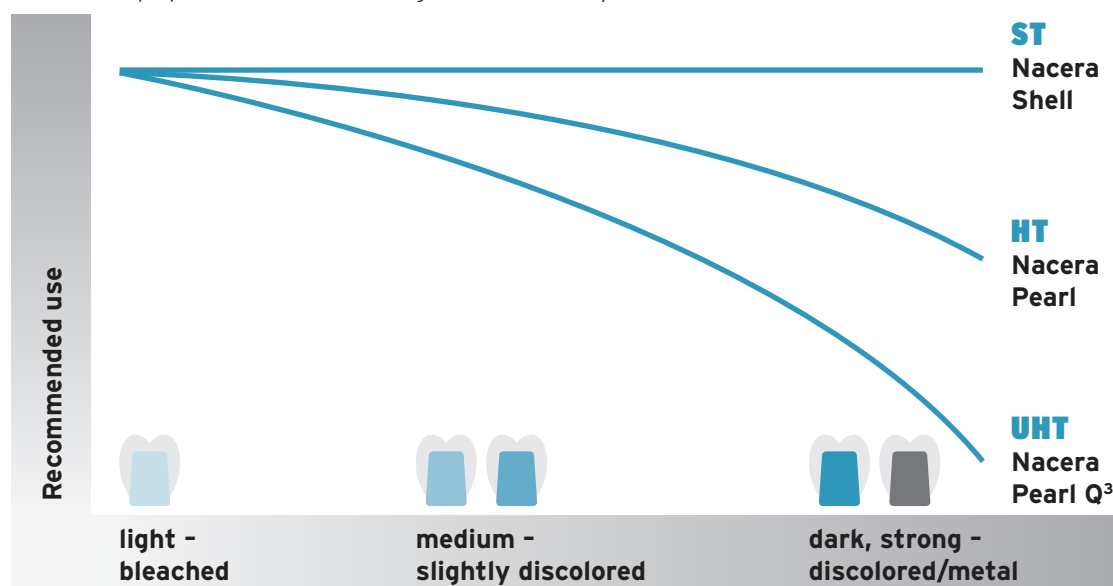
The right choice of Zirconia and its indication is based on multi-requirements. With our **Nacera®** Indication Guide pick the optimal solution for your case. If the shade of the prepared tooth, material characteristics and the restorative indication match you will produce a durable and aesthetically Zirconia solution - a **Nacera®** Solution.

Status	Translucency/ Type	Nacera® Product
Prepared Tooth		
 Light - Bleached	UHT Ultra-High-Translucent, Multilayered	Pearl Q ³ Multi-Shade
 Medium - Slightly Discolored	HT High-Translucent, Multilayered	Pearl Multi-Shade
 Medium - Slightly Discolored	HT High Translucent, Preshaded	Pearl Shaded 16 + 2
 Medium - Slightly Discolored	HT High-Translucent, White	Pearl 1
 Dark - Strong Discolored/ Metal	ST Semi Translucent, White & Preshaded	Shell 1-3

Status	Translucency/ Type	Nacera® Product
Prepared Tooth		
 Light - Bleached	UHT Ultra-High-Translucent, Multilayered	Pearl Q ³ Multi-Shade
 Medium - Slightly Discolored	HT High-Translucent, Multilayered	Pearl Multi-Shade
 Medium - Slightly Discolored	HT High Translucent, Preshaded	Pearl Shaded 16 + 2
 Medium - Slightly Discolored	HT High-Translucent, White	Pearl 1
 Dark - Strong Discolored/ Metal	ST Semi Translucent, White & Preshaded	Shell 1-3

Recommended use of Nacera® Zirconia

in relation to prepared tooth shade and degree of translucency



Technique

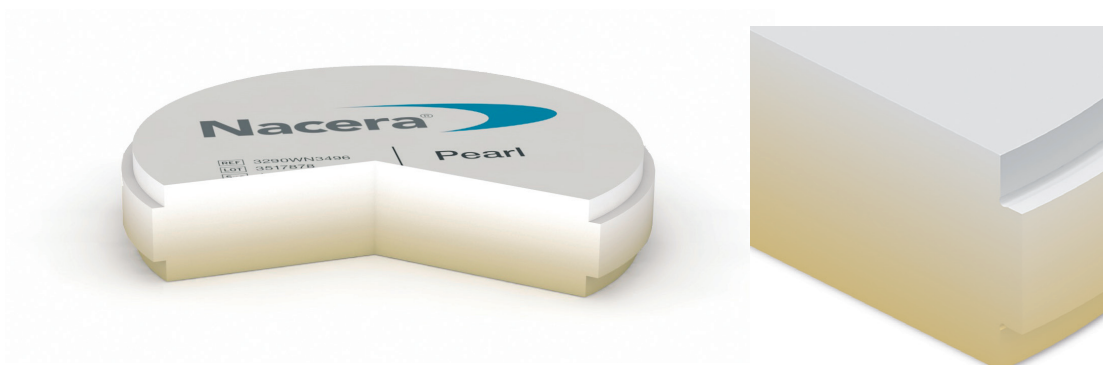
Classic Liquid Dipping/Brushing	Use Blue X	Monolithic/ Staining	Minimal Cut-back	Layering
○	○	●	●	●
○/● for accents	●	●	●	●
○/● for accents	●	●	●	●
●/●	○	●	●	●
○/○	○	○	○	●

Restoration

Inlay, Onlay, Veneer	Crowns Anterior & Posterior	Bridge < 3 Units Anterior & Posterior	Bridge > 3 Units & Toronto	Abutment with Interface	Implant Crown with Interface
●	●	●	○	○	●
●	●	●	●	●	●
●	●	●	●	●	●
●	●	●	●	●	●
○	●	●	●	●	●

NEW

Nacera® Pearl Q³ Multi-Shade 6Y-TZP Ultra-High-Translucent - multi-layered



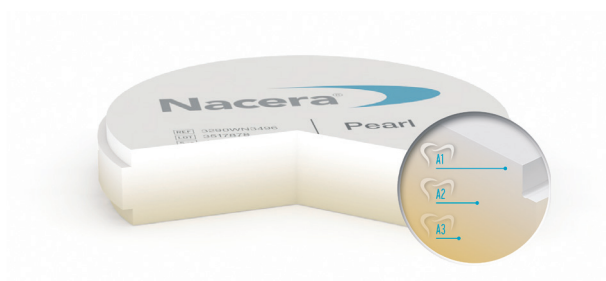
Smooth, invisible transitions within the restoration

Nacera® Pearl Q³ Multi-Shade is a polychromatic, ultra-high-translucent zirconia with finely smoothing color gradient and a perfect match of VITA® shades. A proprietary color blending method, taking for the first time into account the color-dependent brightness value and chroma in a zirconium oxide system. The shade match and natural appearance allows you to be most effective. Save time while finishing only with glaze or give quickly a further individual character through adding accents with stains. Achieve easily a masterpiece while layering on a minimal cut back. Now it's up to you. Try it and convince yourself.

Nacera Pearl Q³ Shade

VITA® Shade

A-Light	_____	A1-A2
A-Dark	_____	A3-A3,5
B-Light	_____	B1-B2
B-Dark	_____	B3-B4
C-Light	_____	C1-C2



Nacera Pearl Q³ Multi-Shade multi-layered zirconium oxide

Struc- tural Height	Color	Item Number
16 mm	NACERA Pearl Q ³ Multi-Shade A-Light	3490300028
20 mm	NACERA Pearl Q ³ Multi-Shade A-Light	3490300029
16 mm	NACERA Pearl Q ³ Multi-Shade A-Dark	3490300030
20 mm	NACERA Pearl Q ³ Multi-Shade A-Dark	3490300031
16 mm	NACERA Pearl Q ³ Multi-Shade B-Light	3491300026
20 mm	NACERA Pearl Q ³ Multi-Shade B-Light	3491300027
16 mm	NACERA Pearl Q ³ Multi-Shade B-Dark	3491300028
20 mm	NACERA Pearl Q ³ Multi-Shade B-Dark	3491300029
16 mm	NACERA Pearl Q ³ Multi-Shade C-Light	3492300004
20 mm	NACERA Pearl Q ³ Multi-Shade C-Light	3492300005

Benefits & Indication

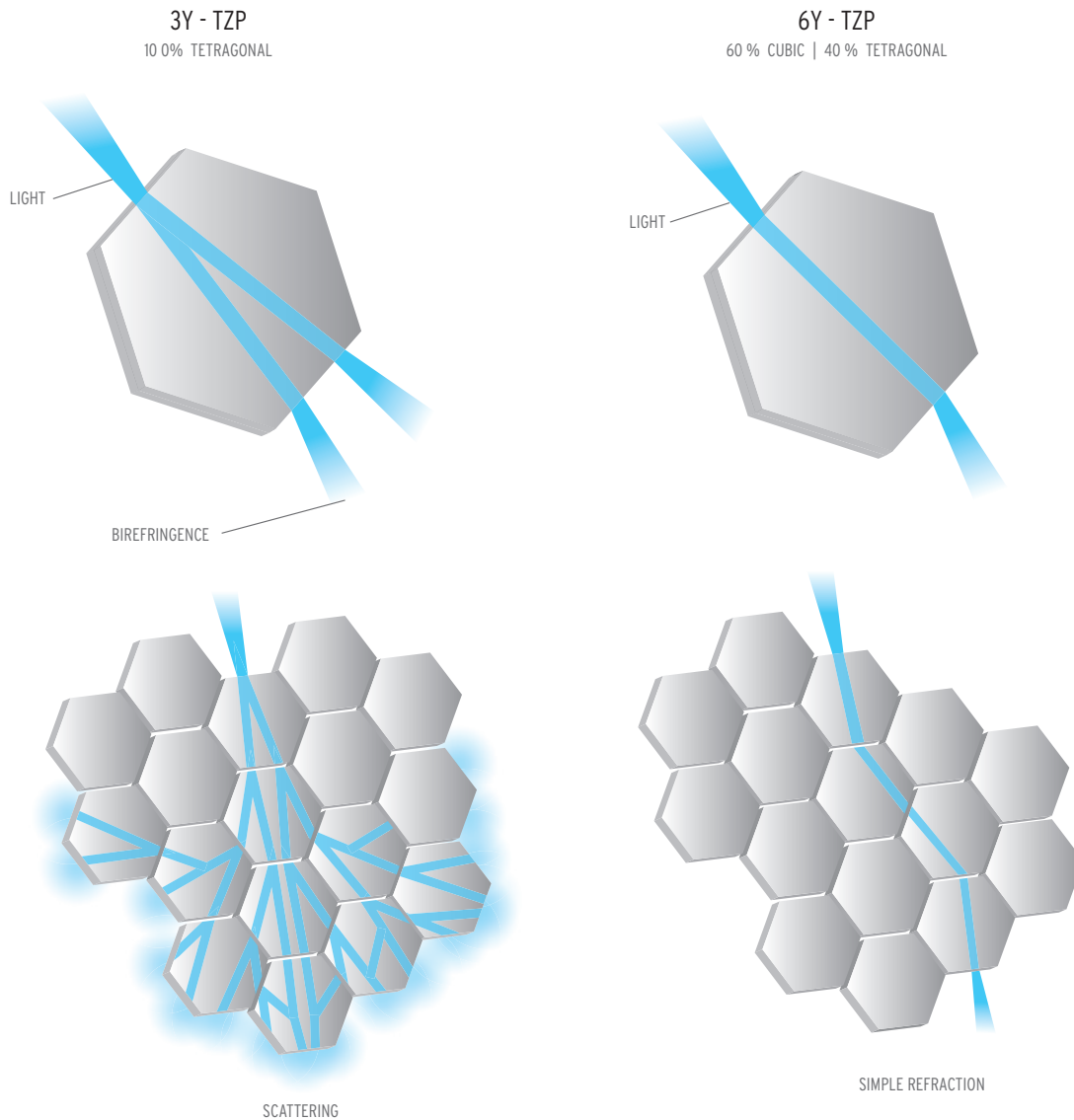
- Revolutionary match of the VITA® shades and lifelike smooth color transitions
- Make monolithic crowns and bridges up to 3 units, veneers, inlays, onlays
- Finish in One-Bake, e.g. with **ceraMotion® One Touch**
- Your ergonomic system to achieve the most common shades

* VITA is a registered mark of VITA Zahnfabrik H. Rauter GmbH & Co. KG, Bad Saeckingen.

Nacera® Pearl Q³ Multi-Shade 6Y-TZP Ultra-High-Translucent - multilayered

What's behind:

Nacera's Experts developed Pearl Q³ based on the latest Zirconia generation. The 6Y-TZP Zirconia has a cubic phase that significantly reduces birefringence compared to other Yttria stabilized Zirconia on the market. Light transmission and consequently the translucency has been drastically increased.



Birefringence is the physical property of optical materials that have two refractory indexes in different polarization planed and thus divide the light rays in two angles. In polycrystals as machineable Zirconia, this lead to increased scattering and opacity.

Nacera® Pearl Shaded 16 + 2 3Y-TZP High-Translucent - Shaded



Nacera® Pearl Shaded is a German premium-product made of highly translucent zirconium oxide, that guarantees natural-looking restorations. The combination of extreme flexural strength (1200 MPa) and high translucency is made for maximum aesthetics.

The homogeneously shaded blanks are now available in 18 newly developed colors consistently matching the VITA® classical shade guide perfectly each time. **Nacera® Pearl Shaded** is not only frequently used for full contour Zirconia restorations, but also provides a reliable basis for substructures in the layering technique. Our shaded blanks speed up the production considerably while simultaneously increasing the aesthetic quality of the results.

Benefits & Indication

- Perfect color match - each time, every time
- Multiple indications - extreme flexural strength paired with high translucency for all requirements
- Shaded blanks increase reliability of production processes and eliminate the danger of white spots during regrinding
- Cost efficient - because no dipping and drying necessary
- Excellent Machinability
Lifetime of milling burs increases up to 15 %
- Naturally aesthetic for monolithic restoration



Nacera Pearl Shaded A1 - A4		12 mm	14 mm	16 mm	18 mm	20 mm	25 mm
STEP 98	A1	3262-WN-3093	3262-WN-3094	3262-WN-3913	3262-WN-3095	3262-WN-3096	3262-WN-3097
	A2	3263-WN-3093	3263-WN-3094	3263-WN-3913	3263-WN-3095	3263-WN-3096	3263-WN-3097
	A3	3264-WN-3093	3264-WN-3094	3264-WN-3913	3264-WN-3095	3264-WN-3096	3264-WN-3097
	A3,5	3265-WN-3093	3265-WN-3094	3265-WN-3913	3265-WN-3095	3265-WN-3096	3265-WN-3097
	A4	3266-WN-3093	3266-WN-3094	3266-WN-3913	3266-WN-3095	3266-WN-3096	3266-WN-3097

All Nacera® zirconia products hold a marketability according to 93/42 EEC. FDA approved K-143071.

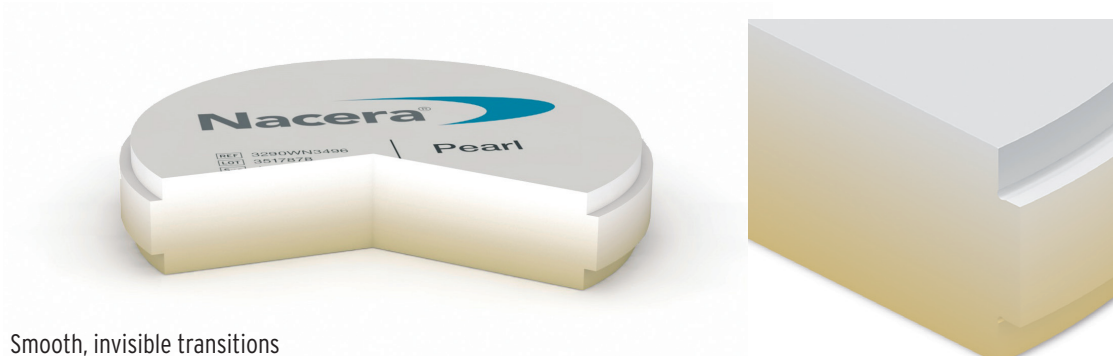
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Nacera® Pearl Shaded 16 + 2 3Y-TZP High-Translucent - Shaded



STEP 98	Nacera Pearl Shaded B1 - B4						
		12 mm	14 mm	16 mm	18 mm	20 mm	25 mm
	B1	3267-WN-3093	3267-WN-3094	3267-WN-3913	3267-WN-3095	3267-WN-3096	3267-WN-3097
	B2	3268-WN-3093	3268-WN-3094	3268-WN-3913	3268-WN-3095	3268-WN-3096	3268-WN-3097
	B3	3269-WN-3093	3269-WN-3094	3269-WN-3913	3269-WN-3095	3269-WN-3096	3269-WN-3097
	B4	3270-WN-3093	3270-WN-3094	3270-WN-3913	3270-WN-3095	3270-WN-3096	3270-WN-3097
STEP 98	Nacera Pearl Shaded C1 - C4						
		12 mm	14 mm	16 mm	18 mm	20 mm	25 mm
	C1	3271-WN-3093	3271-WN-3094	3271-WN-3913	3271-WN-3095	3271-WN-3096	3271-WN-3097
	C2	3272-WN-3093	3272-WN-3094	3272-WN-3913	3272-WN-3095	3272-WN-3096	3272-WN-3097
	C3	3273-WN-3093	3273-WN-3094	3273-WN-3913	3273-WN-3095	3273-WN-3096	3273-WN-3097
	C4	3274-WN-3093	3274-WN-3094	3274-WN-3913	3274-WN-3095	3274-WN-3096	3274-WN-3097
STEP 98	Nacera Pearl Shaded D2 - D4						
		12 mm	14 mm	16 mm	18 mm	20 mm	25 mm
	D2	3275-WN-3093	3275-WN-3094	3275-WN-3913	3275-WN-3095	3275-WN-3096	3275-WN-3097
	D3	3276-WN-3093	3276-WN-3094	3276-WN-3913	3276-WN-3095	3276-WN-3096	3276-WN-3097
	D4	3277-WN-3093	3277-WN-3094	3277-WN-3913	3277-WN-3095	3277-WN-3096	3277-WN-3097
STEP 98	Nacera Pearl Shaded OM2 - OM3						
		12 mm	14 mm	16 mm	18 mm	20 mm	25 mm
	OM2	3260-WN-3093	3260-WN-3094	3260-WN-3913	3260-WN-3095	3260-WN-3096	3260-WN-3097
	OM3	3261-WN-3093	3261-WN-3094	3261-WN-3913	3261-WN-3095	3261-WN-3096	3261-WN-3097

Nacera® Pearl Multi-Shade 3Y-TZP High-Translucent - multi-layered



Smooth, invisible transitions within the restoration

The new **Nacera® Pearl Multi-Shade** milling blanks are nothing less than an economical and sophisticated system for creating full contour crowns. Available in the shades A, B, C, and D to achieve most common tooth colors. Their application is quite simple: Depending on the height positioning of the crown, for example, the colors A3, A2 or A1 can be attained in an A-Blank. The same is true for the other shades. The structural height of 18 mm ensures that sufficient space for vertical shifting is available. Best of all, however, are the four finely-tuned color layers, which always provide smooth, invisible transitions within the restoration.

Nacera Pearl Multi-Shade A multi-layered zirconium oxide

Structural Height	Item Number
14 mm	3290WN3094
18 mm	3290WN3095
22 mm	3290WN3099

Nacera Pearl Multi-Shade B multi-layered zirconium oxide

Structural Height	Item Number
14 mm	3291WN3094
18 mm	3291WN3095
22 mm	3291WN3099

Nacera Pearl Multi-Shade C multi-layered zirconium oxide

Structural Height	Item Number
14 mm	3292WN3094
18 mm	3292WN3095
22 mm	3292WN3099

Nacera Pearl Multi-Shade D multi-layered zirconium oxide

Structural Height	Item Number
14 mm	3293WN3094
18 mm	3293WN3095
22 mm	3293WN3099

Benefits & Indication

- Natural highly translucent multi-layered system
- Lifelike and smooth transitions from cervical to incisal
- Extremely efficient: one blank covers three shades
- Quick and cost effective for natural-looking monolithic restorations
- 4 Point Bending Strength: 1200 MPa
- Excellent Machinability: Thin margins can be milled without having to worry about chipping or cracks.
Lifetime of milling burs increases up to 15 %

Nacera® Pearl 1

3Y-TZP High-Translucent - White



With **Nacera® Pearl** you receive a German premium material of highly translucent zirconium oxide for natural-looking restorations. Available in white, it provides the ideal basis for dental aesthetics.

The blanks can be processed in most available milling machines and are characterized by their consistent color results and excellent machinability. Finished with a stain-and-glazing technique or using minimal stratification by Cut-Back, **Nacera® Pearl** is always a reliable quality foundation for monolithic crowns and bridges, as well as abutment and screw retained restorations.

Nacera Pearl 1, white

blanks Ø 98,3 mm

Structural Height	Item Number
10 mm	3210-WN-3092
12 mm	3210-WN-3093
14 mm	3210-WN-3094
16 mm	3210-WN-3913
18 mm	3210-WN-3095
20 mm	3210-WN-3096
25 mm	3210-WN-3097

Standard 98,3 without step on request!

Nacera® Shell 1

3Y-TZP-A Semi-Translucent - White



Nacera® Shell 1 white is a reliable material suitable for all open CAD/CAM systems. The validated manufacturing process ensures that the material properties of the blanks remain uniform throughout.

Nacera Shell 1, white

blanks Ø 98,3 mm

Structural Height	Item Number
10 mm	3110-WN-3092
12 mm	3110-WN-3093
14 mm	3110-WN-3094
16 mm	3110-WN-3913
18 mm	3110-WN-3095
20 mm	3110-WN-3096
25 mm	3110-WN-3097

Standard 98,3 without step on request!

Benefits & Indication

- Extremely high-precision fitting thanks to Instant Fit Process (I.F.P).
- Extremely low hydrothermal aging for a long lifetime
- High strength of 1200 MPa for high stable implant sub-structures
- Excellent machinability for high precision milling results
- Covering discolored stumps and metal abutments to achieve high aesthetic veneerings

Nacera® Shell 2/3

3Y-TZP-A Semi-Translucent - Shaded

**Nacera Shell 2, shaded**

blanks Ø 98,3 mm

Structural Height	Item Number
10 mm	3120-WN-3092
12 mm	3120-WN-3093
14 mm	3120-WN-3094
16 mm	3120-WN-3913
18 mm	3120-WN-3095
20 mm	3120-WN-3096
25 mm	3120-WN-3097

Nacera Shell 3, shaded

blanks Ø 98,3 mm

Structural Height	Item Number
10 mm	3130-WN-3092
12 mm	3130-WN-3093
14 mm	3130-WN-3094
16 mm	3130-WN-3913
18 mm	3130-WN-3095
20 mm	3130-WN-3096
25 mm	3130-WN-3097

Standard 98,3 without step on request!

Nacera® Blanks Zirkonzahn*

3Y-TZP High-Translucent - White

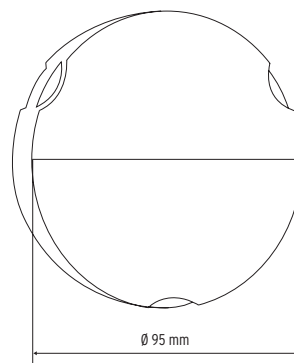
**Nacera Pearl 1, white**

blanks Ø 95 mm

Translucent

Structural Height	Item Number
10 mm	3210-WN-2092
12 mm	3210-WN-2093
14 mm	3210-WN-2094
16 mm	3210-WN-2913
18 mm	3210-WN-2095
20 mm	3210-WN-2096
25 mm	3210-WN-2097

Other sizes or colors on request.



* Zirkonzahn is a registered word/picture mark of Zirkonzahn GmbH, Gais (Italy)

Nacera® Blanks

for Amann Girrbach*

3Y-TZP High-Translucent - White

3Y-TZP-A Semi-Translucent - White



Nacera Shell 1, white

Opaque

Structural Height

Item Number

14 mm	3110-WNB-9094
16 mm	3110-WNB-9913
20 mm	3110-WNB-9096

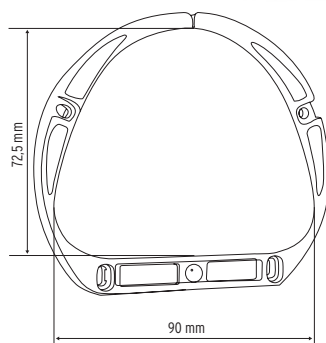
Nacera Pearl 1, white

Translucent

Structural Height

Item Number

14 mm	3210-WNB-9094
16 mm	3210-WNB-9913
18 mm	3210-WNB-9095
20 mm	3210-WNB-9096
25 mm	3210-WNB-9097



Nacera® Blanks DWX-4

for Roland DWX

3Y-TZP High-Translucent - White

3Y-TZP-A Semi-Translucent - White



Nacera Shell 1, white

Opaque

Block sizes

Item Number

75,5 x 40 x 16 mm	3110-WN-8788
75,5 x 40 x 22 mm	3110-WN-8787

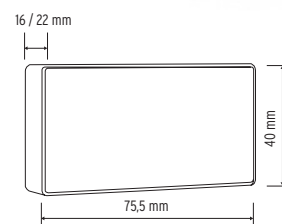
Nacera Pearl 1, white

Translucent

Block sizes

Item Number

75,5 x 40 x 16 mm	3210-WN-8788
75,5 x 40 x 22 mm	3210-WN-8787



* Amann Girrbach is a registered mark of Amann Girrbach AG, Koblach (Austria)



03

NACERA[®]
SUPPLIES & TOOLS

03

KNOW GREATER CERTAINTY.

Nacera® is a dental ceramics company, but really we're in the business of certainty. At a time when far too many products and partners can't be counted on, we consistently deliver the highest quality ceramics and the highest-touch service to our partners. They depend on it. We demand it of ourselves. We've built our business on that promise, and many of our partners have built their businesses on it, too. Because with **Nacera**® our partners know what to expect. In fact they're certain on it.

With more than twenty years of manufacturing excellence, we have a proven track record of consistently delivering the highest quality of the industry ceramics. Our team of expert engineers meticulously craft each **Nacera**® ceramic using our proprietary restorations to ensure the strongest, purest, and most natural-looking material every time, no exceptions.

The technical expertise is provided by a team of highly skilled experts with the technical know-how to deliver solutions. They know how to deliver greater quality. They know greater service. They know greater certainty.

You can do, too. Based on our experience we put together a selection of **Nacera**® Supplies. Products and tools to support and prove your process. To achieve best results. To achieve best quality. To achieve **Nacera**®.

Nacera® Blue X - Translucent Liquid



INNOVATION

We have surpassed Cubic Zirconia in the desire for a strong, but highly translucent zirconium oxide. Nacera's Blue-X, applied to **Nacera® Pearl 3Y-TZP Zirconia**, exceeds the aesthetic properties of lithium disilicate by allowing technicians to brush into place the right amount of translucency only where desired. The translucency will increase up to 8 % on **Nacera® Zirconia**. The advantages continue with improvements in strength. **Nacera® Pearl Zirconia** treated with Blue X has still a flexural strength of 1.200 MPa 4 Point Bending Strength. Almost double Cubic Zirconia, and up to 3x that of lithium disilicate!

Blue X is especially developed for **Nacera® Shaded Zirconia**. It will lower the Chroma when applied to Incisal or Occlusal areas and generates a lifelike color transition - for a brushed Multilayer effect! The concept realized by „Blue X“ is a world first – made in Germany by DOCERAM Medical Ceramics.

Nacera® Pearl treated with **Nacera® Blue X** tested according ISO 6872 can achieve

4 Point Bending Strength	1200 MPa (± 200 MPa)
Fracture Toughness	> 9 MPa/m
Translucency	+ 4 % Thickness 1,5 mm
	+ 6 % Thickness 1,0 mm
	+ 8 % Thickness 0,5 mm

Item

Item Number

Nacera® Blue X, 15 g _____ 4000-LQ-8030



Benefits & Indication

- **Flexible.** Cusp tips and incisal edges - use where desired
- **Certain.** Raise translucency and keep „full strength“
- **Innovative.** Apply translucency and color transition in one stroke
- **Efficient.** Anterior Esthetics at Half cost - no additional Cubic Zirconia inventory necessary

Nacera® Classic Liquid



Nacera's Classic Liquid - a brand new Shading Liquid Concept for perfect lifelike shade results especially in combination with white **Nacera® Zirconia**.

Focused on the essence - **Nacera® Classic Liquids** are available in 16 body colors and various effect stains covering the entire chromatic spectrum and guaranteeing flexible and individual customization of **Nacera® Zirconia** restorations. Finer details, such as mamelons, cervical and interproximal accents can be performed easily with pinpoint precision. The liquids can be applied directly by brush or using the dipping technique. **Nacera® Classic Liquid** is specially developed for **Nacera® Pearl Zirconia** to provide maximum shade consistency, aesthetics and efficiency.



Nacera Classic Liquid Complete (Set)

Item Number

SET

Set contains 23 bottles: _____ 4000-LQ-7116
16 x 50ml Body, 2 x 20 ml Enamel,
4 x 20 ml Effect, 1 x 50 ml Diluting
and also 1 x brush, timer, funnel
and tweezer

Benefits & Indication

- **Stable.** Infiltrates deeply into Zirconia to reduce white spots from grinding
- **Flexible.** Use dip- or brushing technique
- **Ready to Use.** No mixing required- just start
- **Clear.** Focused on the essence for a logical handling
- **Complete.** Perfect color match. Every time for the entire VITA* shade range

* VITA is a registered mark of VITA Zahnfabrik H. Rauter GmbH & Co. KG, Bad Saeckingen.

Nacera® Classic Liquid



Bottle	Nacera Classic Liquid - Body A1 - A4		
		50 ml	100 ml
A1		4000-LQ-7050	4000-LQ-7100
A2		4000-LQ-7051	4000-LQ-7101
A3		4000-LQ-7052	4000-LQ-7102
A3,5		4000-LQ-7053	4000-LQ-7103
A4		4000-LQ-7054	4000-LQ-7104

Bottle	Nacera Classic Liquid - Body B1 - B4		
		50 ml	100 ml
B1		4000-LQ-7055	4000-LQ-7105
B2		4000-LQ-7056	4000-LQ-7106
B3		4000-LQ-7057	4000-LQ-7107
B4		4000-LQ-7058	4000-LQ-7108

Bottle	Nacera Classic Liquid - Body C1 - C4		
		50 ml	100 ml
C1		4000-LQ-7059	4000-LQ-7109
C2		4000-LQ-7060	4000-LQ-7110
C3		4000-LQ-7061	4000-LQ-7111
C4		4000-LQ-7062	4000-LQ-7112

Bottle	Nacera Classic Liquid - Body D2 - D4		
		50 ml	100 ml
D2		4000-LQ-7063	4000-LQ-7113
D3		4000-LQ-7064	4000-LQ-7114
D4		4000-LQ-7065	4000-LQ-7115

Bottle	Nacera Classic Liquid - Diluting		
		50 ml	100 ml
Diluting		4000-LQ-7066	n. a.

Bottle	Nacera Classic Liquid - Balancer		
		20 ml	50 ml
Balancer		4000-LQ-8036	n. a.

Bottle	Nacera Classic Liquid - Enamel		
		20 ml	50 ml
Enamel I		4000-LQ-8020	n. a.
Enamel II		4000-LQ-8021	n. a.

Bottle	Nacera Classic Liquid - Effect		
		20 ml	50 ml
Effect Blue		4000-LQ-8027	n. a.
Effect Grey		4000-LQ-8031	n. a.
Effect Brown		4000-LQ-8033	n. a.
Effect Orange		4000-LQ-8037	n. a.

Nacera® Clean Oven Cleaner



Nacera® Clean is a cleaning powder for the combustion chamber of the sintering furnace. Damage from color solvents on heating rods and sediments in the combustion chamber cause discoloration or contamination of the sintering objects. In its initial application, the reactive **Nacera® Clean** takes these impurities from the furnace atmosphere, absorbs them, and cleans the oven permanently. Regular use provides genuine, color-consistent sintering results, impedes re-deposits in the combustion chamber, and protects the life of heating rods.

For basic cleaning we recommend the Starter Kit, which contains 200 g. To keep the sintering furnace clean, use the maintenance packages of 30 g regularly at least once a week.

Benefits & Indication

- No yellowish or greenish discoloration
- No contamination on the zirconia-surface
- Absorbs the color liquid sediments from the firing chamber
- High Translucency - pure and reliable sintering results

Item	Item Number
Nacera® Clean Starter Kit 200 g	3000RP0001
Nacera® Clean Maintain 9 x 30 g	3000RP0002
Nacera® Clean Bundle 1 x 200 g, 4 x 30 g	3000RP0003



Perfect sintering results with
Nacera® Clean



Discolorations without
Nacera® Clean



Nacera® Calibrate - Don't keep cool!

Precise temperature control for perfect sintering results



This is an easy-to-use calibration set for your furnaces. It contains a measuring unit and ceramic temperature control rings.

Since the ceramic rings shrink proportionally to the input thermal energy during the sintering or firing process, the achieved furnace temperature is subsequently precisely determined with a dial gauge. If deviations from the required or programmed temperature are detected, the sintering or firing furnace can be readjusted accordingly. Nacera Calibrate controls the correct sintering and firing temperature for a perfect translucency, strength and true shade. Most important your reproducibility of perfect ceramic results - every time.

Item	Item Number
Nacera® Calibrate Set — Acrylic tray with 15 calibration rings, reference ring, and dial gauge	5000300256
Calibration Rings for sintering furnaces — 15 pcs.	5000300254
Calibration Rings for ceramic furnaces — 15 pcs.	5000300255



Benefits & Indication

- Measure and set the correct temperature of your furnaces
- Sinter your Zirconia right - every time
- Be certain to get best strength and translucency
- Use Nacera Calibrate to record to proof correct firing cycles for large restorations, e.g. Toronto-Bridge

Nacera® Shine Zr



Nacera® Shine Zr is a diamond polishing paste to achieve a long-lasting high-quality shine on zirconium oxide. It contains a very high diamond content and an exceptionally hard consistency – for less work and a glossier finish.

Nacera® Shine Zr can be used for pre-polishing with standard hard brushes or for high-gloss polishing with goat hair brushes, cotton or leather buffing wheels. Its exceptionally hard consistency and a special wax/acid mixture that acts as a binding and adhesive agent ensure that the polishing tool only takes up the quantity required for the particular operation. This avoids any spraying or smearing of excess material, which in turn results in greater efficiency and cleanliness during processing of zirconium oxide and reduced consumption of high quality diamond paste.

Item	Item Number
Nacera® Shine Zr, 14 g	5001300243

NEW

Benefits & Indication

- High gloss finish of the fully-ceramic restoration in 90 seconds
- Long-lasting high-quality shine on zirconium oxide
- Very high diamond content and an exceptionally hard consistency – for less work and a glossier finish
- Easy to handle
- Efficient in terms of consumption
- Effective and time-saving to use



04

NACERA[®]
HYBRID

04

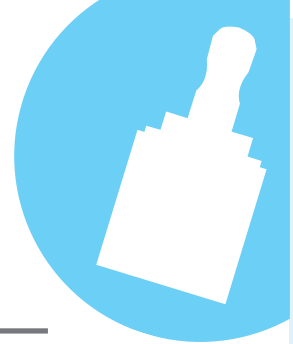
MAKE THEM BEAUTIFUL. WITH NACERA[®] HYBRID.

High Performance Hybrid Ceramic for permanent restorations.

Nacera[®] Hybrid is the new CAD/CAM material for chairside or labside milling machines. It is a high performance hybrid ceramic that can be used for aesthetic long-term temporaries or permanent restorations. Since **Nacera[®] Hybrid** is like the finest ceramics, it perfectly replicates precise shade matching with a unique translucency and chameleon effect for a lifelike appearance of natural teeth.

Nacera[®] Hybrid comes in Blocks and Discs which can be processed according to your requirements: You create crowns, bridges up to 3 units and inlays, onlays and veneers since there is no firing process required. Yes: You will gonna be fast and efficient - with **Nacera[®] Hybrid**.





BLOCKS AND DISCS



50 % Nano-Glass meets 50 % Polymer-Matrix

The outstanding mechanical properties of **Nacera® Hybrid** are the result of controlled, stress-free thermal curing. The composition of nano-glass and reinforcing polymer- matrix make **Nacera® Hybrid** the ideal material for permanent restorations. The 100 % sinalized glass is permanently integrated into the polymer-matrix for a long shine and discoloration free restoration.

SHOCK-ABSORBER

The modulus of elasticity reduces stress peaks during chewing, resulting in decreased risk of material fatigue or fractures. Due to its shock-absorbing effect, it is the right choice for implant restorations and provides a pleasant bite-feeling.

SIMPLY NATURAL AESTHETIC

Nacera® Hybrid blends in extremely well and conveys natural aesthetics – a broad spectrum of shades in the anterior and posterior regions. After machining **Nacera® Hybrid** shows an extremely homogeneous surface structure. The restoration can therefore be polished to a high gloss very quickly. Plus: Easy repolishing, for example during prophylaxis, is possible at any time if required.

WHITE LOVES PINK

Using our four new flowable **Nacera® Blend Tissue** composites, it is possible to complete hybrid-ceramic treatments directly from the syringe with pink aesthetics and apply customized characterizations-chairside, as well as, in the lab. Gingiva-flow materials are also suitable for subsequent corrections, remodeling of gingiva shields, relining provisional and for definitive implant work following a loss of soft or hard tissue. Create something new using the tension between red and white aesthetic!

Benefits & Indication

- Lifelike aesthetic characteristics
- No firing process required
- Quick and exceptional grinding at a high precision
- Effortless polishing for fast shine
- Can be modified and repaired with conventional composites



High Translucent Shades: A1, A2, A3, B1, C2, D2, BL2, BL3,5

Indication: Anterior and Posterior Region, bridge up to 3 units, crown, inlay, onlay, veneer

Nacera Hybrid

Product	Item Number	Geometry	Size
NACERA Hybrid A3	4503300000	Disc	15 x 98 mm
NACERA Hybrid A3	4503300001	Disc	20 x 98 mm
NACERA Hybrid A2	4502300001	Disc	15 x 98 mm
NACERA Hybrid A2	4502300002	Disc	20 x 98 mm
NACERA Hybrid B1	4601300001	Disc	15 x 98 mm
NACERA Hybrid B1	4601300002	Disc	20 x 98 mm
NACERA Hybrid A1	4501300002	Disc	15 x 98 mm
NACERA Hybrid A1	4501300003	Disc	20 x 98 mm
NACERA Hybrid C2	4702300000	Disc	15 x 98 mm
NACERA Hybrid C2	4702300001	Disc	20 x 98 mm
NACERA Hybrid D2	4802300000	Disc	15 x 98 mm
NACERA Hybrid D2	4802300001	Disc	20 x 98 mm
NACERA Hybrid Bleach 2	4620300001	Disc	15 x 98 mm
NACERA Hybrid Bleach 2	4620300002	Disc	20 x 98 mm
NACERA Hybrid Bleach 3.5	4635300000	Disc	15 x 98 mm
NACERA Hybrid Bleach 3.5	4635300001	Disc	20 x 98 mm
NACERA Hybrid A3	4503300002	Block M	15.5 x 38.8 x 18.9 mm
NACERA Hybrid A2	4502300003	Block M	15.5 x 38.8 x 18.9 mm
NACERA Hybrid B1	4601300003	Block M	15.5 x 38.8 x 18.9 mm
NACERA Hybrid A1	4501300004	Block M	15.5 x 38.8 x 18.9 mm
NACERA Hybrid C2	4702300002	Block M	15.5 x 38.8 x 18.9 mm
NACERA Hybrid D2	4802300002	Block M	15.5 x 38.8 x 18.9 mm
NACERA Hybrid Bleach 2	4620300003	Block M	15.5 x 38.8 x 18.9 mm
NACERA Hybrid Bleach 3.5	4635300002	Block M	15.5 x 38.8 x 18.9 mm
NACERA Hybrid A3	4503300003	Block S	18 x 14.7 x 14.7 mm
NACERA Hybrid A2	4502300000	Block S	18 x 14.7 x 14.7 mm
NACERA Hybrid B1	4601300000	Block S	18 x 14.7 x 14.7 mm
NACERA Hybrid A1	4501300001	Block S	18 x 14.7 x 14.7 mm
NACERA Hybrid C2	4702300003	Block S	18 x 14.7 x 14.7 mm
NACERA Hybrid D2	4802300003	Block S	18 x 14.7 x 14.7 mm
NACERA Hybrid Bleach 2	4620300000	Block S	18 x 14.7 x 14.7 mm
NACERA Hybrid Bleach 3.5	4635300003	Block S	18 x 14.7 x 14.7 mm



05

NACERA®

FINISHING PRODUCTS

05

ceraMotion® ONE TOUCH.

There is a steady increase in the demand for all-ceramic restorations. Bridges and crowns made from this material not only promise retention for a longer period of time, but they also lend a natural appearance, are chemically stable and are tolerated well. They offer everything that is expected of modern restorations. There is also an increase in demand for materials which require less time for processing whilst maintaining a high demand on aesthetics.

Our answer: the **ceraMotion® One Touch** Concept.

ceraMotion® One Touch was especially developed for aesthetic, fully-anatomical restorations. **Nacera®** Pearl Zirconia and **ceraMotion® One Touch** pastes together form the core products of the **ceraMotion® One Touch** concept.

ceraMotion® One Touch are 2D and 3D pastes that have been specially developed for the finish and characterization of all-ceramic, monolithic restorations made of zirconium oxide and lithium silicate.

Never before has it been easier for you to manufacture aesthetic crowns and bridges in such a short time.

ceraMotion® One Touch



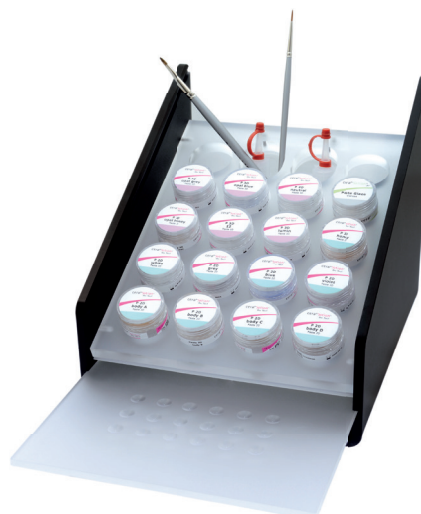
What is **ceraMotion® One Touch**?

The **ceraMotion® One Touch** pastes are manufactured using a special high-tech process. The particle size of the pastes have been adapted to suit the requirements for the staining technique (2D) and to offer the possibility of creating an individual morphology in the incisal area and in the occlusal surface area (3D).

The new consistency of the pastes allows a homogenous wetting of all-ceramic object surfaces. The thixotropic effect produces perfect surface integrity and enables minimal layering.

All of the **ceraMotion® One Touch** pastes are translucent, thereby retaining the light dynamic effect of the framework material. They give the fully anatomical restorations a natural fluorescence.

ceraMotion®
One Touch



Benefits & Indication

- Fast and easy handling thanks to ready-mixed ceramic pastes.
- Set specially assorted for the easy finishing of aesthetic, fully anatomical restorations.
- Maximum aesthetics thanks to color-coordinated pastes with 3D effect.
- Small changes in shape and the adding of contact points are possible.

The set contains all of the **ceraMotion® One Touch** individual components, with the exception of the display.

All parts of the set are also available individually.

ceraMotion® One Touch



ceraMotion® One Touch

3 g

Item	Item Number
2D Body A	250-306-03
2D Body B	250-307-03
2D Body C	250-308-03
2D Body D	250-309-03
2D white	250-310-03
2D grey	250-311-03
2D honey	250-312-03
2D blue	250-313-03
2D violet	250-314-03
3D I2	250-300-03
3D lumin	250-301-03
3D neutral	250-302-03
3D opal blue	250-303-03
3D opal grey	250-304-03
3D opal honey	250-305-03

ceraMotion® One Touch

Set

Item	Item Number
Set	250-800-70

ceraMotion® Zr Glaze

3 g

Item	Item Number
Paste Glaze	250-271-03

ceraMotion® One Touch Brush

Item	Item Number
2D Brush	260-905-20
3D Brush	260-906-20

ceraMotion® One Touch Display

Item	Item Number
Display - get organized! (without pastes)	250-350-00

ceraMotion® One Touch Liquid

10 ml

Item	Item Number
Diluting Liquid	254-012-01

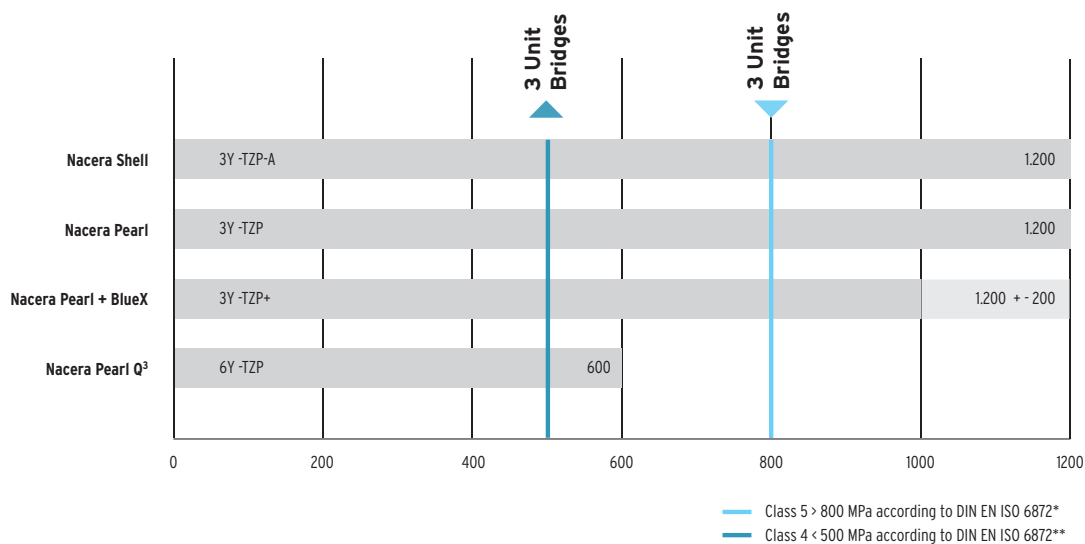
Nacera® Zirconia

Technical Data

Flexural Strength

4-point bending strength (MPa) DIN EN ISO 6872.

The higher the flexural strength of zirconia (ZrO₂) the better the stability under masticatory loading.



Translucency

The higher the translucency the more permeable the material is to light. (Less Opacity)

Sample Thickness		White +10 %	
Nacera Pearl 1 + Classic Liquid A3	1.5	89 %	11 %
	1.0	82 %	18 %
	0.5	69 %	31 %
Nacera Pearl Shaded A3	1.5	86 %	14 %
	1.0	80 %	20 %
	0.5	66 %	34 %
Nacera Pearl Q ³ Multi-Shade A3	1.5	79 %	21 %
	1.0	74 %	26 %
	0.5	59 %	41 %

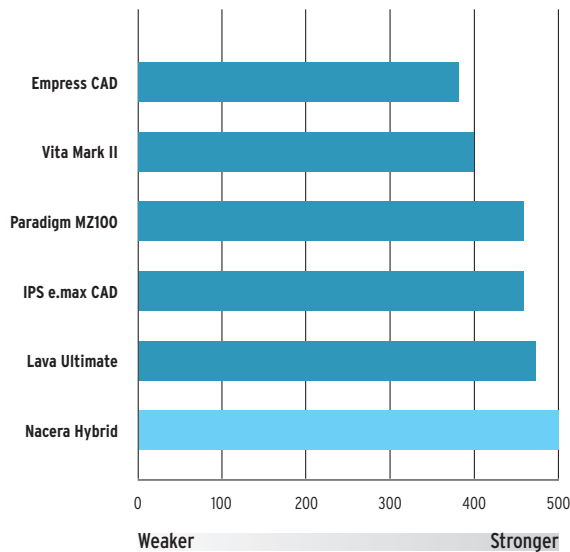
Opacity ————— Translucency

Source: DOCERAM Medical Ceramics R+D

Nacera® Hybrid

Technical Data

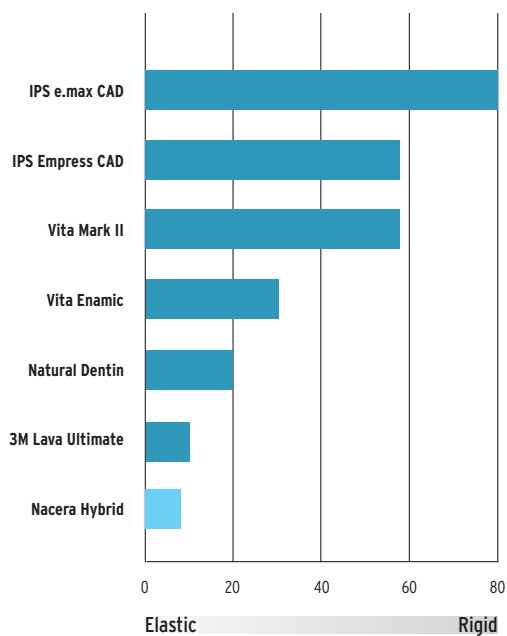
Compressive Strength (MPa)



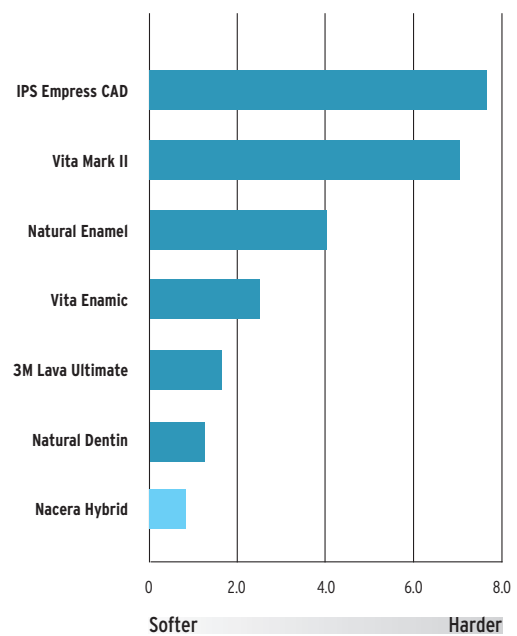
Technical Data Nacera® Hybrid

Characteristic	Value +/- 10 %
Vickers Hardness (GPa)	700 MPa
Modulus of Elasticity (GPa)	9900 MPa
Compressive Strength (MPa)	490 MPa
Flexural Strength	175 MPa

Modulus of Elasticity (GPa)



Vickers Hardness (GPa)



Source: DOCERAM Medical Ceramics R+D

This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There is no text or other markings on the paper.

This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There is no text or other markings on the paper.



Do you have any questions regarding our products?
info@nacera.de | www.nacera.de

For an overview of all global representations go to: www.nacera.de

Nacera® products are approved for:
Europe | USA | Canada | Mexico | Brazil | Australia | China | Japan | Taiwan* | South Korea*

DOCERAM Medical Ceramics GmbH
Hesslingsweg 65-67 | 44309 Dortmund | Germany
Phone +49 231. 9256 680 | info@nacera.de | www.nacera.de/en

Nacera US Inc.
Two Bala Plaza, Suite 718 | PO Box 627 | Bala Cynwyd, PA 19004
Phone: 215-345-5283 | info@nacera.us | www.nacera.us

* PLM (Private Label Manufacturer)