

KATANA™ Zirconia

UTML *Ultra Translucent Multi Layered*

STML *Super Translucent Multi Layered*

NEW HTML *High Translucent Multi Layered*

90-minute Sintering*
New Shade Lineup of HTML series

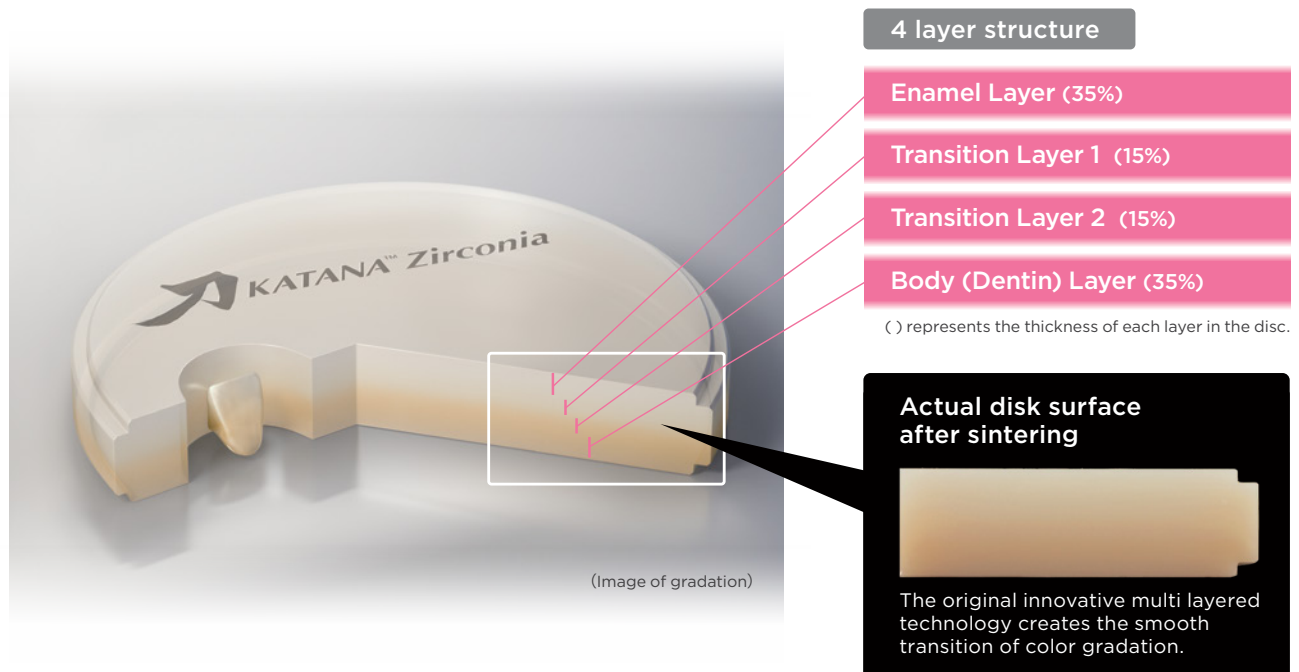


KATANA™ Zirconia

High Esthetic Potential for Zirconia Dental Restorations*
The KATANA™ UTML and STML, which feature translucency similar to natural enamel, are now available!

You can achieve a highly esthetic restoration, with predictable results, while saving time (even when fabricating esthetic anterior restorations).

*Comparison with our conventional products.



Monolithic Restorations made with KATANA™ Zirconia UTML*

* with staining



Anterior crown

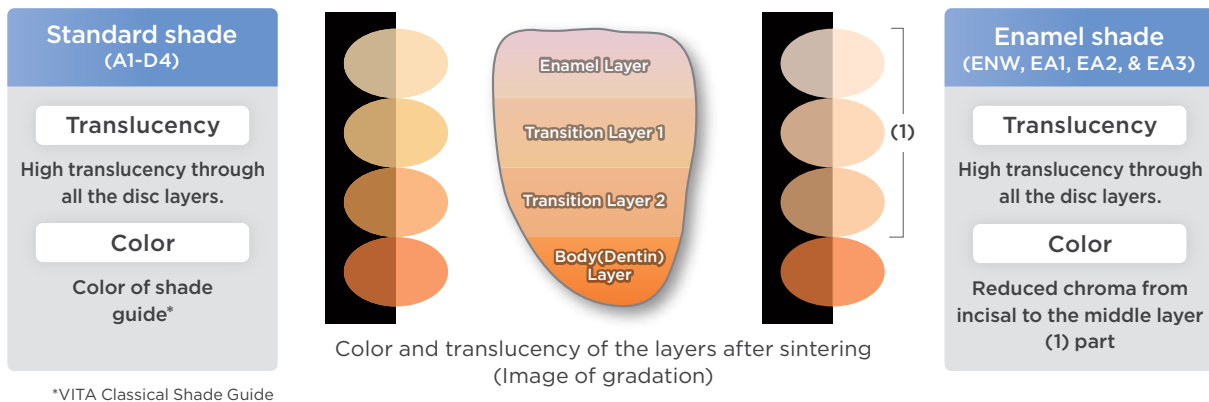


Laminate veneer

UTML *Ultra Translucent Multi Layered*

UTML has the most translucency among the KATANA™ Zirconia series, and is recommended for fabricating anterior crowns or laminate veneers. Two different shade types are available: Standard shade and Enamel shade.

Concept of Color and Translucency



Example of staining




CERABIEN™ ZR FC Paste Stain




By applying external stains, the translucency is more clearly enhanced. The **Enamel Shade** version has reduced color intensity in one half of the disk from the incisal edge ((1) part), giving you the ability to characterize and express color variations with stains.


Monolithic Anterior Crowns made from KATANA™ Zirconia UTML




3



4



1



2

1. Shade taking
2. Applying the glaze and the stain
3. Checking the restorations on the model
4. Seating in the mouth

STML *Super Translucent Multi Layered*

STML has a well-balanced combination of translucency and mechanical properties. This version of KATANA™ has gradations of translucency as well as color, exhibiting a masking effect in the cervical area. Using this series, one can easily obtain the desired shades to accommodate the variety found in prepared tooth conditions of clinical cases.

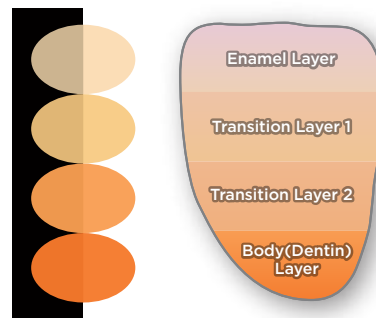
Concept of Color and Translucency

Standard shade
(NW, A1~A3.5)

Translucency
 Translucency is gradually decreased from the incisal to the cervical region to increase the masking level in the cervical region.

Color
 Color of shade guide*

*NW: Noritake Shade Guide, A1-A3.5: VITA Classical Shade Guide




Color and translucency of the layers after sintering
(Image of gradation)

Range of masking level

Abutment color examples

| | |
|-------------|--|
| UTML | |
| STML | |
| HTML | |



- One can select a shade tab that corresponds to the final desired color.
- Select a shade tab one level brighter than the final color (it will be necessary to complete using stains).

Monolithic Posterior Crown made with KATANA™ Zirconia STML*

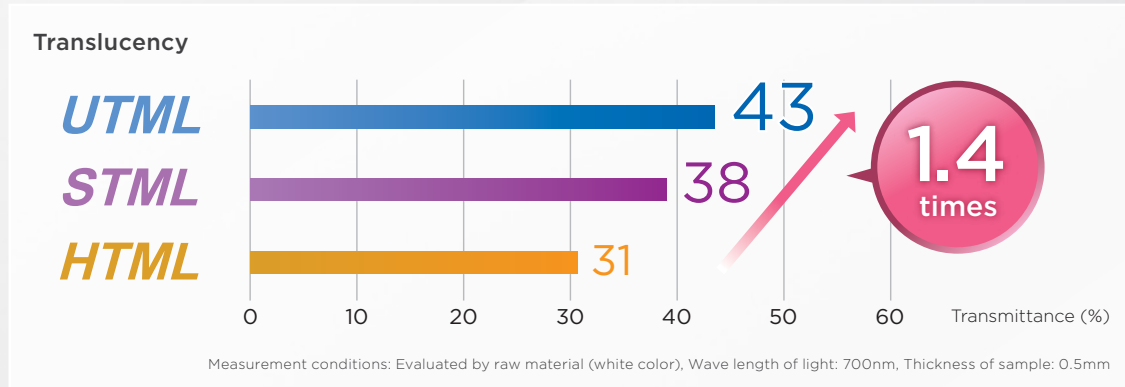
* with staining



1. Preparation
2. Wax up
3. Checking the restoration on the model
4. Seating in the mouth
(Left: Buccal view, Right: Occlusal view)

1.4 Times Higher Translucency Than Conventional Zirconia

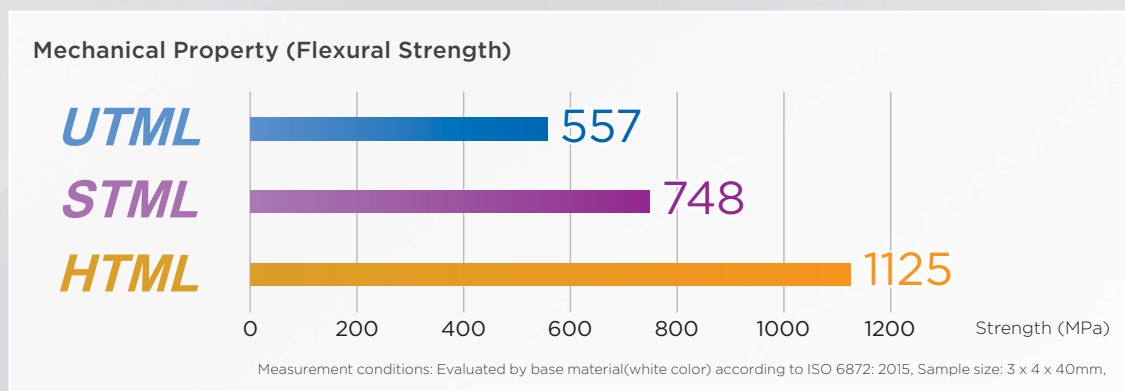
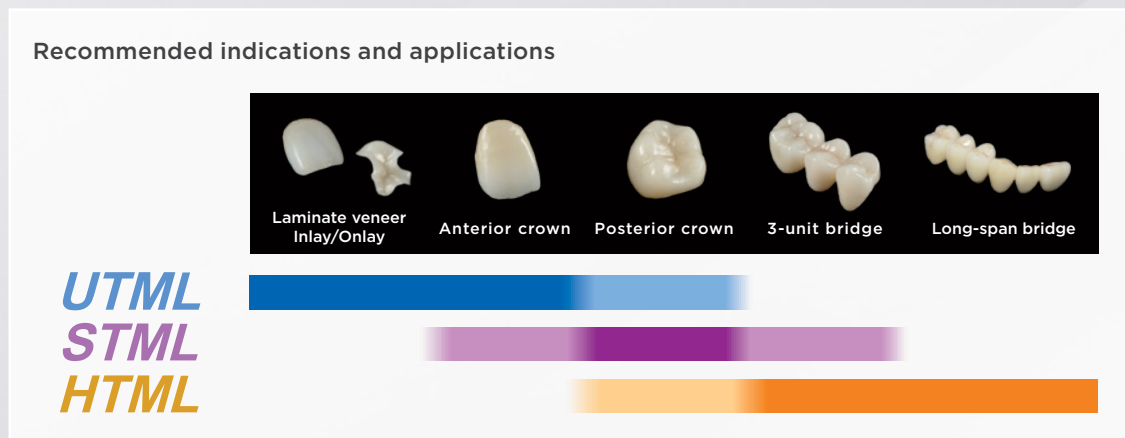
Our proprietary research and development has increased the translucency of KATANA™ UTML by 1.4 times more than conventional zirconia. This enables you to have natural translucency.



Data Source: Kuraray Noritake Dental Inc. The numerical value varies according to a condition.

Wide Range of Clinical Applications Using Monolithic Restoration

You can fabricate many restorations, from esthetic anteriors to posterior bridges by selecting the right translucency and mechanical properties*1.



Data Source: Kuraray Noritake Dental Inc. The numerical value varies according to a condition.

*1 UTML,STML,HTML: The minimum thickness of zirconia necessary for each series is different. Read the Instructions for Use carefully prior to using the material.

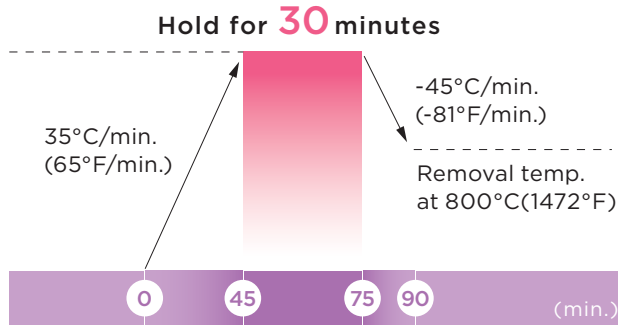
90-minute Sintering for Single Restorations

In addition to the usual sintering time (approx. 7 hours), under our proprietary zirconia technology, KATANA™ Zirconia can be sintered in approx. 90 minutes* without any compromise of translucency or mechanical strength.

*The material is removed from the furnace at 800°C, and is for only single restoration.

Sintering schedule

STML/UTML: 1560°C (2840°F)
HTML: 1515°C (2759°F)



Fast sintering furnaces

Listed below are examples of furnaces which can reach the desired high temperature:

- Austromat 674i
- inFire HTC speed
- Sintra Plus



Wide Shade Selection

| Series | Shade | | | | | | | | | | Size (Diameter/Thickness) |
|-------------|-------|-----|-----|------|------|----|----|----|----|--|---------------------------|
| UTML | A1 | A2 | A3 | A3.5 | A4 | B1 | B2 | B3 | B4 | | 98.5mm/14, 18, 22mm |
| | C1 | C2 | C3 | C4 | D2 | D3 | D4 | | | | |
| | ENW | EA1 | EA2 | EA3 | | | | | | | |
| STML | NW | A1 | A2 | A3 | A3.5 | A4 | B1 | B2 | B3 | | |
| | C1 | C2 | C3 | D2 | D3 | | | | | | |
| HTML | NW | A1 | A2 | A3 | A3.5 | A4 | B1 | B2 | B3 | | |
| | C1 | C2 | C3 | D2 | D3 | | | | | | |

NEW Shade

YOUR CONTACT

Kuraray America, Inc.

33 Maiden Ln Phone (800) 879-1676
Suite 600D Fax (888) 700-5200
New York, NY 10038 E-Mail info@kuraraydental.com
Website kuraraydental.com

- Before using this product, be sure to read the Instructions for Use supplied with the product.
- The specifications and appearance of the product are subject to change without notice.
- Printed color can be slightly different from actual color.

*"KATANA" and "CERABIEN" are trademarks of NORITAKE CO., LIMITED.

R Only



Kuraray Noritake Dental Inc.
300 Higashiyama, Miyoshi-cho, Miyoshi, Aichi 470-0293, Japan
Website: www.kuraraynoritake.com

<https://stomshop.pro>

#KZHTML 04/2019