

Not for use in Canada / Ne doit pas être utilisé au Canada

(TI-010)

Dental Zirconia



HT (High Translucent) & ML (Multi Layered) / HTML (High Translucent Multi Layered)

[ENGLISH] INSTRUCTIONS FOR USE

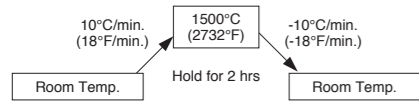
I. Introduction

KATANA Zirconia has 2 shapes available: Block and Disc. This IFU is for KATANA Zirconia HT (High Translucent) & ML (Multi Layered) / HTML (High Translucent Multi Layered). KATANA Zirconia HT & ML /HTML are a pre-sintered zirconia disc 98.5 mm in diameter, which contains a plastic ring. This is designed for all milling systems using this generic-type disc. (Please refer to your milling system's technical instructions for correct machine operation.) KATANA Zirconia HT has 6 available thicknesses: (10mm, 14mm, 18mm, 22mm, 26mm and 30mm) and has 3 shade variations: (HT10, HT12 and HT13). KATANA Zirconia ML has 3 available thicknesses: (14mm, 18mm and 22mm) and has 6 shade variations: (A Light, A Dark, B Light, C Light, D Light and A White). KATANA Zirconia HTML has 3 available thicknesses: (14mm, 18mm and 22mm) and has 14 shade variations: (A1, A2, A3, A3.5, A4, B1, B2, B3, C1, C2, C3, D2, D3, NW). KATANA Zirconia HT is higher in translucency and KATANA Zirconia ML / HTML consists of 4 graded shade layers. KATANA Zirconia HT & ML / HTML are recommended for use in fabricating FCZ (Full Contour Zirconia) restorations or the frameworks.

KATANA Zirconia is used for the fabrication of the all-ceramic restorations (frameworks, FCZ crowns, FCZ bridges, inlays, onlays and veneers).

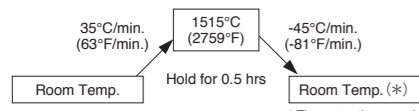
III. Sintering Program

Temperature	Programming Rate	Holding Time
Room Temp. — 1500°C (2732°F)	10°C/min. (-18°F/min.)	—
1500°C (2732°F)	—	2 hrs
1500°C (2732°F) — Room Temp.	-10°C/min. (-18°F/min.)	—



Sintering Program 2

Temperature	Programming Rate	Holding Time
Room Temp. — 1515°C (2759°F)	35°C/min. (63°F/min.)	—
1515°C (2759°F)	—	0.5 hrs
1515°C (2759°F) — Room Temp. (*)	-45°C/min. (-81°F/min.)	—



* The restorations may be removed at 800°C (1472°F) or less depending upon circumstances.

IV. Composition

ZrO₂, Y₂O₃, etc.

V. Type and Class (ISO6872:2015)

Type:II/ Classe:5

[ESPAÑOL] MODO DE EMPLEO

I. Introducción

KATANA Zirconia tiene 2 tamaños disponibles: Block y Disc. Estas IFU son para KATANA Zirconia HT (High Translucent) y ML (Multi Layered) / HTML (High Translucent Multi Layered). KATANA Zirconia HT y ML / HTML son discos de zirconia presinterizados de 98,5 mm de diámetro y que contienen un anillo de plástico. Están diseñados para todos los sistemas de fresado que utilizan este disco de tipo genérico. (Por favor observe las instrucciones técnicas de su sistema de fresado para un funcionamiento correcto de la máquina.) KATANA Zirconia HT tiene 6 espesores disponibles: (10mm, 14mm, 18mm, 22mm, 26mm y 30mm) y tiene 3 tonalidades: (HT10, HT12 y HT13). KATANA Zirconia ML tiene 3 espesores disponibles: (14 mm, 18 mm y 22 mm) y tiene 6 tonalidades: (A Light, A Dark, B Light, C Light, D Light y A White). KATANA Zirconia HTML tiene 3 espesores disponibles: (14 mm, 18 mm y 22 mm) y tiene 14 tonalidades: (A1, A2, A3, A3.5, A4, B1, B2, B3, C1, C2, C3, D2, D3, NW). KATANA Zirconia HT tiene una mayor translucidez y KATANA Zirconia ML / HTML consta de 4 capas de tonalidades graduadas. KATANA Zirconia HT y ML / HTML se recomiendan para fabricar restauraciones FCZ (Full Contour Zirconia) o estructuras.

II. Uso previsto

KATANA Zirconia se utiliza para fabricar las restauraciones de cerámica completa (estructuras, coronas FCZ, puentes FCZ, inlays, onlays y carillas).

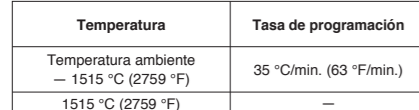
III. Programa de sinterización

Temperatura	Tasa de programación	Tiempo de mantenimiento
Temperatura ambiente — 1500 °C (2732 °F)	10 °C/min. (18 °F/min.)	—
1500 °C (2732 °F)	—	2 h
1500 °C (2732 °F) — Temperatura ambiente	-10 °C/min. (-18 °F/min.)	—



Programa de sinterización 2

Temperatura	Tasa de programación	Tiempo de mantenimiento
Temperatura ambiente — 1515 °C (2759 °F)	35 °C/min. (63 °F/min.)	—
1515 °C (2759 °F)	—	0,5 h
1515 °C (2759 °F) — Temperatura ambiente (*)	-45 °C/min. (-81 °F/min.)	—



* Las restauraciones se pueden retirar a 800 °C (1472 °F) o menos dependiendo de las circunstancias.

IV. Composición

ZrO₂, Y₂O₃, etc.

V. Tipo y clase (ISO6872:2015)

Tipo: II/Clase: 5

VI. Propiedades físicas

Coefficiente de expansión térmica (25-500 °C (77-932 °F)): 9,9×10⁻⁶/K

VII. Instrucciones de uso

(1) Saque el disco del embalaje y verifique que el disco no presenta grietas ni otros daños.

(2) Coloque el disco en la fresadora; después inicie el proceso de fresado siguiendo las instrucciones técnicas del sistema de fresado.

- There may be a large difference between the setting temperature in the program and the temperature in the real furnace when using the furnace for sintering program 2. Please use the furnace after checking with the manufacturer that the furnace and temperature listed in sintering program 2 is compatible.
- Sintering is only recommended for crowns, veneers, and inlays/onlays with Sintering program 2.
- The margins should be prepared with a deep chamfer and rounded shoulders, with cutting edges and corners rounded to eliminate sharp preparation corners. The angle of the axial surface should be within the range of 5 to 15 degrees.
- When preparing teeth, avoid the following: deep shoulders, J-margins, knife edges, serrated margins, non-tapered abutments, undercut, guide grooves, the formation of retentive holes, and sharp corners.
- Keep the following thickness of this product for fabricating prosthetics:

Location & indication	Wall thickness
Anterior crown or bridge	0.4 mm or more
Veneer	0.4 mm or more
Posterior crown or bridge	0.5 mm or more
Inlay or onlay	0.5 mm or more

12. Use the following cross-sectional areas for connectors when fabricating bridges.

Location & indication	Connector cross section
Anterior	2- or 3-unit bridges 7 mm ² or more <p>more than 4-unit bridges 9 mm² or more</p>
Posterior	2- or 3-unit bridges 9 mm ² or more <p>more than 4-unit bridges 9 mm² or more</p>

- Keep the pontic in the bridge within 2 teeth. When the pontic of 2 teeth continues, keep the connector cross section between the pontic at 12 mm².
- Keep the cantilever bridge to 1 pontic tooth and the connector cross section at 12 mm².
- Choose a shade color that is brighter than the intended color for a thick restoration, as it may look duller depending on the thickness of the restorations. When using a sintering furnace for the first time and changing a sintering condition, colors after sintering may vary. Sinter a small piece of Zirconia beforehand and confirm the color.

Caution in conjunction with usage:

- Do not use the disc if there is a crack noticed after removing it from the package.
- Dry milling is recommended. If wet milling is used, the translucency of the disc may be reduced.
- If you find a crack in the restorations, do not use.
- The above sintering recommendation is only a guideline; some adjustments may be required depending on each individual furnace.

- When milling the disc, use caution when approaching the milling bur with the plastic ring to prevent detachment of the disc. Mill the disc as if leaving a zirconia part contacting the internal side of the plastic ring at 2 mm.
- Cut and remove the plastic ring prior to sintering the whole disc.

Storage:

- Store in a cool and dry place. Keep away from direct sunlight.
- The product should NOT be stored at 10-30°C (50-86°F).
- Do not remove the disc from its packaging during storage.
- The disc is fragile, and requires care when handling.
- The product must be stored in an appropriate place where only dental personnel have access.
- The product must be used by the expiration date indicated on the package.

- Do not touch the items heated by the furnace with your bare hands.
- Do not take the restorations out of the sintering furnace during high temperature, as te quenching causes the breaking. However, if an elevating type furnace is used under the sintering program 2, the restorations may be removed from the furnace at 800°C (1472°F) or less. When removed from the furnace, the restorations must be put on a tray made of ceramic fiber (for example: Noritake Porcelain Mat) to cool slowly.

Caution:

- This product should NOT be used when malocclusion, clenching or bruxism conditions are present.
- When milling the disc or cutting, grinding and polishing the restorations, use an approved dust mask and vacuum with air filter to protect your lungs from inhaling dust.
- When milling the disc or cutting, grinding and polishing the restorations, use safety glasses to prevent the dust from getting into your eyes. If the dust gets into your eyes, immediately rinse with copious amounts of water and consult a physician.

4. Do not use for any purposes except for dental restoration. This product is for dental application only.

5. Do not touch the items heated by the furnace with your bare hands.

6. Do not take the restorations out of the sintering furnace during high temperature, as te quenching causes the breaking. However, if an elevating type furnace is used under the sintering program 2, the restorations may be removed from the furnace at 800°C (1472°F) or less. When removed from the furnace, the restorations must be put on a tray made of ceramic fiber (for example: Noritake Porcelain Mat) to cool slowly.

Warning:

- If the patient is hypersensitive to zirconia or any other components, this product not be used.

Caution:

- If the patient or the dental professional demonstrates a hypersensitivity reaction, such as rash, dermatitis etc., discontinue use of the product and seek medical attention immediately.

Contraindications:

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Contraindications:

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ITALIANO ISTRUZIONI PER L'USO

I. Introduzione

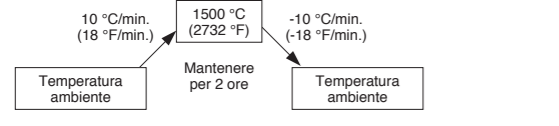
KATANA Zirconia è disponibile in 2 forme: Block e Disc. Le presenti IFU sono per KATANA Zirconia HT (High Translucent) e ML (Multi Layered) /HTML (High Translucent Multi Layered). KATANA Zirconia HT e ML / HTML sono dischi pre-sinterizzati di ossido di zirconio di 98,5 mm di diametro, contenenti un anello di plastica. Sono progettati per tutti i sistemi di fresatura che utilizzano questo tipo di disco. (Si prega di fare riferimento alle istruzioni tecniche del vostro sistema di fresatura per un utilizzo corretto della macchina). KATANA Zirconia HT è disponibile in 6 spessori: (10mm, 14mm, 18mm, 22mm, 26mm e 30mm) e ha 3 varianti di tonalità: (HT10, HT12 e HT13). KATANA Zirconia ML è disponibile in 3 spessori: (14 mm, 18 mm e 22 mm) e ha 6 varianti di tonalità: (A Light, A Dark, B Light, C Light, D Light e A White). KATANA Zirconia HTML è disponibile in 3 spessori: (14 mm, 18 mm e 22 mm) e ha 14 varianti di tonalità: (A1, A2, A3, A3.5, A4, B1, B2, B3, C1, C2, C3, D2, D3, NW). KATANA Zirconia HT ha una maggiore trasparenza ca KATANA Zirconia ML/HTML è costituito da 4 strati a tonalità graduate. KATANA Zirconia HT e ML / HTML i sono raccomandati per la realizzazione di restauri in FCZ (Full Contour Zirconia) o per la realizzazione di strutture.

II. Uso previsto

KATANA Zirconia si usa va per realizzare restauri in ceramica integrale (strutture, corone FCZ, ponti FCZ, inlay, onlay e faccette).

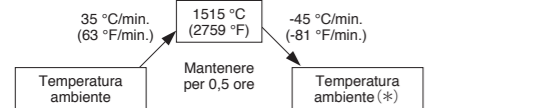
III. Programma di sinterizzazione

Temperatura	Rappor­to di programmazione	Tempo di mantenimento
Temperatura ambiente — 1500 °C (2732 °F)	10 °C/min. (18 °F/min.)	—
1500 °C (2732 °F)	—	2 ore
1500 °C (2732 °F) — Temperatura ambiente	-10 °C/min. (-18 °F/min.)	—



Programma di sinterizzazione 2

Temperatura	Rappor­to di programmazione	Tempo di mantenimento
Temperatura ambiente — 1515 °C (2759 °F)	35 °C/min. (63 °F/min.)	—
1515 °C (2759 °F)	—	0,5 ore
1515 °C (2759 °F) — Temperatura ambiente (*)	-45 °C/min. (-81 °F/min.)	—



* La rimozione del restaurò è possibile a 800 °C (1472 °F) o a temperatura inferiore, a seconda delle circostanze.

IV. Composizione

ZrO₂, Y₂O₃ ecc.

V. Tipo e classe (ISO6872:2015)

Tipo: II/Classe: 5

VI. Proprietà fisiche

Coefficiente di espansione termica (25-500 °C (77-932 °F)): 9,9x10⁻⁶/K

VII. Istruzioni per l'uso

- Togliere il disco dalla confezione e assicurarsi che il disco non presenti crepe o sia in altro modo danneggiato.
- Collocare il disco all'interno della fresatrice; avviare quindi il processo di fresatura seguendo le istruzioni tecniche del sistema di fresatura.

- Dopo la fresatura, rimuovere dal disco i restauri con una fresa diamantata ecc.
- Gli sfiridi del taglio o la polvere che rimane attaccata ai restauri si possono rimuovere con un getto d'aria delicato.
- Mettere i restauri nell'incassatore refrattario e inserirli nel forno di sinterizzazione.
- In base alle prestazioni del forno di sinterizzazione utilizzato, ripassare lo schema di sinterizzazione sopra esposto (III. Programma di sinterizzazione) prima di sinterizzare i restauri.
- Dopo la sinterizzazione, rifinire i restauri con una fresa diamantata secondo necessità.
- Assicurarsi che i restauri non presentino crepe.
- 9)-1 FCZ:

- a) Cottura del glaze: creare una superficie altamente brillante tramite la lucidatura, soprattutto nelle aree di contatto, poi applicare il glaze su tutte le superfici secondo un metodo abituale.
 - Lucidatura manuale: creare una superficie altamente brillante sull'intero restauro tramite la lucidatura senza utilizzare il glaze. In caso di utilizzare HTML, se si deve finire il restauro senza il glaze, selezionare una tinta più brillante rispetto alla tinta finale.
- 9)-2 Strutture: modellare la ceramica dentale (CERABIEN ZR o CZR PRESS LF) o pressare il metallo (CZR PRESS) sulle strutture seguendo le istruzioni tecniche del produttore. Controllare il coefficiente di espansione termica della porcellana sulle istruzioni tecniche del produttore per verificarne la compatibilità.

VIII. Note relative alla manipolazione

Controindicazioni:

• Se il paziente è ipersensibile all'ossido di zirconio o a qualsiasi altro componente, il presente prodotto non deve essere usato.

Avvertenze:

• Se il paziente o il professionista del settore mostra una reazione di ipersensibilità come eruzione cutanea, dermatite ecc., sospendere l'uso del prodotto e richiedere immediatamente il parere di un medico.

Attenzioni:

- Questo prodotto NON va usato in presenza di malocclusione, serramento dentale o bruxismo.
- Quando si fresa il disco o si taglia, leviga e lucida i restauri, usare una mascherina antipolvere e sottovuoto con un filtro per l'aria per proteggere i polmoni dall'inhalazione della polvere.
- Quando si fresa il disco o si taglia, leviga e lucida i restauri, usare occhiali protettivi per impedire alla polvere di entrare negli occhi. Se gli occhi contatta con l'aria contaminata con la polvere, sciacquare immediatamente con abbondante acqua e richiedere il parere di un medico.
- Non usare il prodotto per scopi diversi dai restauri dentali. Il prodotto è esclusivamente destinato all'applicazione dentale.
- Non toccare a mani nude gli oggetti riscaldati con il forno.
- Non estrarre i restauri dal forno di sinterizzazione in fase di alta temperatura, poiché il brusco raffreddamento provoca rottura. Tuttavia, se si usa un forno della tipologia con elevazione del basamento, utilizzando il programma di sinterizzazione 2 sarà possibile togliere i restauri dal forno a 800 °C (1472 °F) o a temperatura inferiore. Quando vengono tolti dal forno, i restauri vanno collocati su un vassoio di fibra ceramica (per esempio: Noritake Porcelain Mat) perché si raffreddino lentamente.
- Potrà esserci una differenza notevole tra la temperatura di presa impostata nel programma e la temperatura effettiva del forno quando si utilizza il forno per il programma di sinterizzazione 2. Si prega di usare il forno scopo aver verificato con il produttore che il forno e la temperatura elencati nel programma di sinterizzazione 2 siano compatibili.
- La sinterizzazione è consigliata soltanto per corone, faccette e inlay/onlay con il programma di sinterizzazione 2.
- I margini dovranno essere preparati con un chamfer profondo e spalle arrotondate, con spigoli vivi e angoli arrotondati di preparazione affilati. L'angolo della superficie assiale dovrà essere compreso in un intervallo da 5 a 15 gradi.
- Durante la preparazione del dente, evitare quanto segue: spalle profonde, margini a J, bordi a lama di coltello, margini serrati, abutment non conici, sottosquadri, scanalature di guida, la formazione di cavità ritentive e angoli affilati.

- Mantenere il seguente spessore per questo prodotto per la fabbricazione di protesi:

Collocazione e indicazione	Spessore della parete
Corona o ponte dente frontale	0,4 mm o più
Faccette	0,4 mm o più
Corona o ponte dente laterale	0,5 mm o più
Inlay dente onlay	0,5 mm o più

- Utilizzare le seguenti sezioni per i connettori per la realizzazione di ponti.

Collocazione e indicazione	Sezione per il connettore
Dente frontale	Ponti a 2 o 3 elementi 7 mm² o più <p>Ponti a più di 4 elementi 9 mm² o più</p>
Dente laterale	Ponti a 2 o 3 elementi 9 mm² o più <p>Ponti a più di 4 elementi 9 mm² o più</p>

- Tenere l'elemento del ponte tra 2 denti. Se l'elemento del ponte di 2 denti continua, tenere la sezione trasversale del connettore tra l'elemento del ponte a 12 mm².
- Tenere il ponte con elementi in estensione a 1 dente elemento del ponte e la sezione trasversale del connettore a 12 mm².
- Scegliere una sfumatura di colore che sia più luminosa del colore voluto per un restauro spesso, poiché potrebbe apparire più spenta in base allo spessore dei restauri.
- Quando si usa un forno di sinterizzazione per la prima volta e quando si cambia una condizione di sinterizzazione, i colori in seguito alla sinterizzazione potranno variare. Sinterizzare prima un pezzetto di ossido di zirconio e quindi confermare il colore.
- Precauzioni legate all'utilizzo:**
 - Non usare il disco se è stata riscontrata una crepa dopo averlo estratto dalla sua confezione.
 - Si raccomanda la fresatura a secco. In caso di uso della fresatura a umido, è possibile una riduzione della trasparenza del disco.
 - Non usare se viene riscontrata una rottura nei restauri.
 - Le raccomandazioni di sinterizzazione sopra esposte rappresentano unicamente una guida orientativa; possono essere necessari aggiustamenti in base ad ogni singolo forno.
 - Quando si fresa il disco, usare prudenza nell'avvicinarsi alla barra di fresatura con l'anello di plastica al fine di evitare il distacco del disco.
 - È possibile in modo da lasciare una parte di ossido di zirconio a contatto con l'interno dell'anello di plastica a 2 mm.
 - Tagliare e rimuovere l'anello di plastica prima di sinterizzare l'intero disco.
- Conservazione:**
 - Conservare il prodotto in luogo fresco ed asciutto. Tenere il prodotto lontano dalla luce diretta del sole.
 - Il prodotto deve essere conservato a 10-30 °C (50-86 °F).
 - Non rimuovere il disco dalla sua confezione durante la conservazione. Il disco è fragile e richiede di essere maneggiato con cura.
 - Il prodotto deve essere conservato in un luogo appropriato, al quale abbia accesso soltanto il personale odontoiatrico.
 - Il prodotto deve essere utilizzato entro la data di scadenza indicata sulla confezione.

[GARANZIA]
Kuraray Noritake Dental Inc. sostituirà qualsiasi prodotto che dovesse risultare difettoso. Kuraray Noritake Dental Inc. non si assume alcuna responsabilità per perdita o danni diretti, conseguenti o particolari, causati dall'applicazione, dall'utilizzo o dall'incapacità a utilizzare questi prodotti. Prima di utilizzare i prodotti, l'operatore deve verificare che gli stessi siano adatti all'uso che ne intende fare, assumendosi tutti i rischi e le responsabilità che ne conseguono.

[NOTA]

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NEEDERLANDS GEBRUIKSAANWIJZING

I. Inleiding

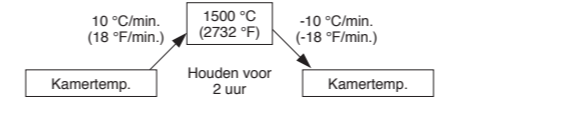
KATANA Zirconia is verkrijgbaar in 2 vormen: Block en Disc. Deze IFU geldt voor KATANA Zirconia HT (High Translucent) e ML (Multi Layered) / HTML (High Translucent Multi Layered). KATANA Zirconia HT e ML / HTML zijn voorgesinterde zirconia-discs met een diameter van 98,5 mm, voorzien van een plastic ring. Dit is ontworpen voor alle freessystemen die gebruik maken van deze generieke disctypes. (Check de technische instructies van uw freessysteem voor correct gebruik van uw machine.)
KATANA Zirconia HT heeft 6 verschillende diktes beschikbaar. (10mm, 14mm, 18mm, 22mm, 26mm en 30mm) en heeft 3 kleurvarianties: (HT10, HT12 en HT13).
KATANA Zirconia ML heeft 3 verschillende diktes beschikbaar: (14mm, 18mm en 22mm) en heeft 6 kleurvarianties: (A Light, A Dark, B Light, C Light, D Light en A White).
KATANA Zirconia HTML heeft 3 verschillende diktes beschikbaar: (14mm, 18mm en 22mm) en heeft 14 kleurvarianties: (A1, A2, A3, A3.5, A4, B1, B2, B3, C1, C2, C3, D2, D3, D2, D3, NW).
KATANA Zirconia HT heeft een hogere transparantie en KATANA Zirconia ML / HTML bestaat uit 4 in elkaar overlappende kleurlagen.
KATANA Zirconia HT e ML / HTML worden aanbevolen voor de fabricage van FCZ (Full Contour Zirconia) restauraats of onderstructuren.

II. Bedoeld gebruik

KATANA Zirconia wordt aanbevolen voor de vervaardiging van volledig keramische restauraties (frames, FCZ -kronen, FCZ -bruggen, inlays, onlays en facings).

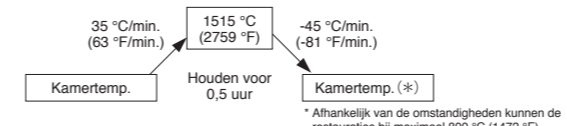
III. Sinteringsprogramma

Temperatuur	Programma	Bewaartijd
Kamertemp. — 1500 °C (2732 °F)	10 °C/min. (18 °F/min.)	—
1500 °C (2732 °F)	—	2 uur
1500 °C (2732 °F) — Kamertemp.	-10 °C/min. (-18 °F/min.)	—



Sinteringprogramma 2

Temperatuur	Programma	Bewaartijd
Kamertemp. — 1515 °C (2759 °F)	35 °C/min. (63 °F/min.)	—
1515 °C (2759 °F)	—	0,5 uur
1515 °C (2759 °F) — Kamertemp. (*)	-45 °C/min. (-81 °F/min.)	—



* Afhankelijk van de omstandigheden kunnen de restauraties bij maximaal 800 °C (1472 °F) verwijderd worden.

IV. Samenstelling

ZrO₂, Y₂O₃ etc.

V. V type en Klasse (ISO6872:2015)

Type:II/ Klasse:5

VI. Fysische eigenschappen

Thermische expansiecoëfficiënt (25-500 °C (77-932 °F)): 9,9x10⁻⁶/K

VII. Gebruiksaanwijzing

- Neem de disc uit de verpakking en verwittigt zelf ervan dat de schijf geen breuken of andere beschadigingen heeft.
- Plaats de disc in de freesmachine; vang dan aan met het slijpproces volgens de technische instructies van het freessysteem.
- Verwijder de restauraties, met behulp van bijvoorbeeld een diamantboor, uit de schijf na het slijpproces.
- Het slijpafval of stof dat zich aan de restauraties heeft gehecht, kan met een zachte luchtstroom worden verwijderd.

TÜRKÇE KULLANIM KILAVUZU

I. Giriş

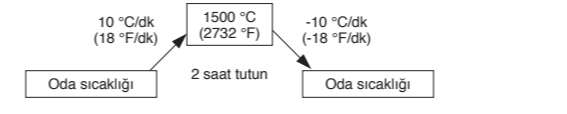
KATANA Zirconia, 2 şekilde sunulur: Blok olarak ve Disk olarak. Bu IFU, KATANA Zirconia HT (High Translucent) ve ML (Multi Layered) / HTML (High Translucent Multi Layered) içindir. KATANA Zirconia HT ve ML / HTML, 98,5 mm çapında, plastik halkalı, ön sinterilmiş zirkonya disklerdir. Bunlar, jenerik disk tipleri ile birlikte kullanılan tüm frezeleme sistemleri ile birlikte kullanılabilir şekilde geliştirilmiştir. (Makinenin doğru çalıştırılmasına ilişkin bilgiler için lütfen, frezeleme sisteminizin teknik talimatlarına başvurun.)
KATANA Zirconia HT, 6 farklı kalınlıkta temin edilebilir: (10mm, 14mm, 18mm, 22mm, 26mm ve 30mm) ve 3 ton seçeneği ile sunulur: (HT10, HT12 ve F13).
KATANA Zirconia ML, 3 farklı kalınlıkta temin edilebilir: (14 mm, 18 mm ve 22 mm) ve 6 ton seçeneği ile sunulur: (A Light, A Dark, B Light, C Light, D Light ve A White).
KATANA Zirconia HTML, 3 farklı kalınlıkta temin edilebilir: (14 mm, 18 mm ve 22 mm) ve 14 ton seçeneği ile sunulur: (A1, A2, A3, A3.5, A4, B1, B2, B3, C1, C2, C3, D2, D3, NW).
KATANA Zirconia HT'nin yarı saydamlık oranı daha yüksektir, KATANA Zirconia ML / HTML ise 4 derecelendirilmiş ton tabakasından oluşur. KATANA Zirconia HT ve ML / HTML, FCZ (Full Contour Zirconia) restorasyonlarının veya atlayplarının üretilmesinde kullanılmaları tavsiye edilmektedir.

II. Kullanım Amacı

Bu ürün, A Zirconia, tam seramik restorasyonların (altıyapılar, FCZ kuranlar, FCZ köprüleri, inlaylar, onleyler ve veneerler) üretimi için geliştirilmiştir.

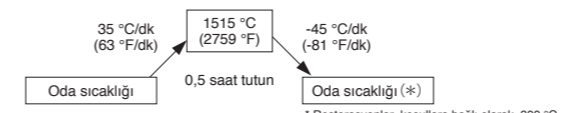
III. Sinterleme Programı

Sıcaklık	Program Hızı	Tutma Süresi
Oda sıcaklığı — 1500 °C (2732 °F)	10 °C/dk (18 °F/dk)	—
1500 °C (2732 °F)	—	2 saat
1500 °C (2732 °F) — Oda sıcaklığı	-10 °C/dk (-18 °F/dk)	—



Sinterleme Program 2

Sıcaklık	Program Hızı	Tutma Süresi
Oda sıcaklığı — 1515 °C (2759 °F)	35 °C/dk (63 °F/dk)	—
1515 °C (2759 °F)	—	0,5 saat
1515 °C (2759 °F) — Oda sıcaklığı (*)	-45 °C/dk (-81 °F/dk)	—



* Restorasyonlar, koçullarla bağlı olarak, 800 °C (1472 °F) veya daha düşük ısılarda çıkarılabilir.

IV. Bileşim

ZrO₂, Y₂O₃, vb.

V. Tip ve Sınıf (ISO6872:2015)

Tip: II/Sınıf: 5

VI. Fiziksel Özellikler

Termal genleşme katsayısı (25-500 °C (77-932 °F)): 9,9x10⁻⁶/K

VII. Kullanım Kılavuzu

- Diski ambalajından çıkartın ve üzerinde çatlak veya herhangi başka bir hasarın bulunmadığını teyit edin.
- Diski frezeleme makinesine yerleştirin; ardından, frezeleme sisteminin teknik talimatlarına uyarak, frezeleme sürecine başlayın.
- Frezeleme işlemi tamamlandıktan sonra restorasyonu bir elmas frez yardımıyla diskten çıkartınız.
- Restorasyonlarda bulunan alabı kesme kalıntıları veya toz, hafif hava akımı ügülayarak uzaklaştırılabilir.
- Restorasyonlar refraktör fırınlama kabı tepsinde koyunuz ve sinterleme fırınına yerleştiriniz.

- Plaats de restauraties in de vuurvaste sinter bakje en zet deze in de sinteroven.
- Zie in overeenstemming met de specificaties van de sinteroven die u gebruikt bij hetvoren aangegeven sinteringsprogramma (III. Sinteringsprogramma) alvorens de restauraties te sinteren.
- Werk de restauraties, na het sinteren, naar behoefte bij met een diamantboor.
- Controleer of de restauraties geen haarscheuren vertonen.
- 9)-1 FCZ:

- a) Glans bak: Creëer een hoge glans door te polijsten, speciaal bij de contactpunten en breng vervolgens de glans zoals gebruikelijk aan op alle oppervlakten.
- Manueel polijsten: Creëer een hoge glans door de gehele restauratie te polijsten zonder glans te gebruiken. Bij het gebruik van HTML, een lichter tint dan de beoogde kleur selecteren indien de restauratie zonder glazuur uitgewerkt dient te worden.
- 9)-2 Substructuren: Bouw op met tancheelkundig porselein. (CERABIEN ZR of CZR PRESS LF) of pers de ingot (CZR PRESS) of de substructuur volgens de technische instructies van de fabrikant. Controleer de thermische uitzettingcoëfficiënt van het porselein in de technische instructies van de fabrikant om de compatibiliteit zeker te stellen.

VIII. Kanttekeningen bij gebruik

Contra-indicaties:

• Wanneer de patiënt overgevoelig is voor zirconiumoxide of een van de andere componenten, dient dit product niet gebruikt te worden.

Waarschuwing:

• Indien de patiënt of de tandheelkundige professional een overgevoeligheidsreactie laat zien, bijvoorbeeld huiduitslag, dermatitis enz., stop dan met gebruik van het product en roep onmiddellijk medische hulp in.

Voorzichtig:

- Dit product mag NIET worden gebruikt in geval van malocclusie, dichtklemmen of bruxisme.
- Gebruik een goedgekeurd stofmasker en zuig af via een luchtfilter bij het afslijpen uit de schijf of bij het aanslijpen, beslijpen en polijsten van de restauraties; zo beschermt u het longen tegen het inademen van stof.
- Zet een veiligheidsbril op bij het aanslijpen uit de schijf of bij het afslijpen, beslijpen en polijsten van de restauraties; zo voorkomt u dat er stof in uw ogen komt. Als er stof in uw ogen is gekomen, spoel ze dan onmiddellijk uit met veel water en raadpleeg een arts.
- Gebruk niet voor andere doeleinden dan tandheelkundige restauraties. Dit product is uitsluitend bestemd voor tandheelkundig gebruik.
- Raak de in de oven verhitte items niet aan met blote handen.
- Verwijder de restauraties uit de sinteroven als de temperatuur hoog is. Een groot verschil in temperatuur kan barsten veroorzaken. Wordt echter bij het sinteringsprogramma 2 een hefbalokom gebruikt, dan kunnen de restauraties bij maximaal 800 °C (1472 °F) uit de oven verwijderd worden. Om langzaam af te koelen, moeten de restauraties na de verwijdering uit de oven op een uit keramische vezels bestaande planchet (bijv. Noritake Porcelain Mat) gelegd worden.
- Er is mogelijk een groot verschil tussen de temperatuur in het programma en de temperatuur in de werkelijke oven die voor het sinteringsprogramma 2 wordt gebruikt. Controleer bij de fabrikant of de oven en in het sinteringsprogramma 2 aangeven temperatuur compatibel zijn.
- Het sinteren wordt alleen aanbevolen voor kronen, facings en inlays/onlays met Sinteringsprogramma 2.
- De margins dienen te worden geprepareerd met een diepe afschuining en ronde schouders; de snijranden en hoeken moeten worden afgerond om scherpe preparatiehoeken te voorkomen. De hoek van het axiale oppervlak dient zich binnen een bandbreedte van 5 tot 15 graden te bevinden.
- Bij het prepareren van element voorkom: diepe schouders, J-marges, uitsteeksel, gekarteelde marges, niet tapse stiften, undercut, geleidelogroeven, de vorming van retentieve hollen en scherpe hoeken.

- Houd de volgende dikte van dit product aan voor het fabriceren van protheses:

Locatie e indicatie	Wanddikte
Anterieure kroon of brug	0,4 mm of meer
Facing	0,4 mm of meer
Posterieure kroon of brug	0,5 mm of meer
Inlay of onlay	0,5 mm of meer

- Gebruik bij de vervaardiging van bruggen onderstaande dwarsdoorsnedevaktes voor verbindingen.

Locatie e indicatie	Dwarsdoorsnede van verbinding
Anterieure	2- of 3-unitbruggen 7 mm ² of meer <p>meer dan 4-unitbruggen 9 mm² of meer</p>
Posterieure	2- of 3-unitbruggen 9 mm ² of meer <p>meer dan 4-unitbruggen 9 mm² of meer</p>

- Houd de pontic in de brug binnen 2 tanden. Indien de pontic van 2 tanden doorgaat, moeten de dwarsdoorsnedevaktes voor verbindingen tussen de pontic op 12 mm² worden gehouden.
- Houd de cantileverbrug op 1 pontic tand en het dwarsdoorsnedevak op 12 mm².
- Kies een tint die lichter is dan de gewenste kleur voor een dikke restauratie daar de kleur mogelijk afhankelijk van de dikte van de restauraties matter zal lijken.
- Indien een sinteroven voor het eerst wordt gebruikt en de omstandigheden van het sinteren veranderen, kunnen de kleuren na het sinteren mogelijk variëren. Sinter derhalve eerst een klein stukje Zirconia en controleer de kleur.
- Voorzichtigheid in verband met gebruik:**
 - Gebruik de disc niet indien er een scheur wordt waargenomen nadat de schijf uit de verpakking is gehaald.
 - Droog slijpen wordt aanbevolen. Indien nat wordt geslepen is er kans dat de fractuuratie zal afnemen.
 - Gebruik de restauratie niet als deze een scheur vertoont.
 - De bovenstaande sinteraanbeveling is slechts een richtlijn; enkele aanpassingen kunnen nodig zijn afhankelijk van de individuele oven.
 - Wanneer u de disc freest, moet u goed oppletten dat de freesstaag niet in contact komt met de plastic ring om te voorkomen dat de disc los komt. Frees de disc alsof een zirconia deel de interne kant van de plastic ring op 2 mm raakt.
 - Snijf de plastic ring uit voordat u de volledige disc sintert.

Opslag:

- Bewaar op een koele en droge plaats. Uit direct zonlicht houden.
- Het product dient opgeslagen te worden op 10-30°C (50-86°F).
- De disc niet uit de verpakking halen gedurende de opslagtijd.
- De disc is fragiel en moet voorzichtig behandeld worden.
- Het product moet opgeslagen worden op een geschikte plaats waar alleen tandheelkundige medewerkers toegang toe hebben.
- Het product moet gebruikt worden voor de vervaldatum, zoals aangegeven op de verpakking.

[GARANTIE]

Kuraray Noritake Dental Inc. vervangt ieder aantoonbaar defect product. Kuraray Noritake Dental Inc. aanvaardt geen aansprakelijk voor directe of indirecte schade of eventuele vervogschade die ontstaat door een onjuist of ondeskundig gebruik van dit product. Voor gebruik moet de gebruiker de geschiktheid van de producten voor de betreffende indicatie(s) controleren en de aansprakelijkheid voor alle daaruit voortvloeiende risico’s voor zijn/haar rekening nemen.

[OPMERKING]

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Locasyon ve endikasyon	Duvar kalınlığı
Anterior krun ve yaa köprü	0,4 mm veya üstü
Vener	0,4 mm veya üstü
Posterior krun ve yaa köprü	0,5 mm veya üstü
Inley veya onlay	0,5 mm veya üstü

- Bu üönlle hazırlanacak protetik restorasyonlarda aşağıdaki kalınlıklara uyulmalıdır: