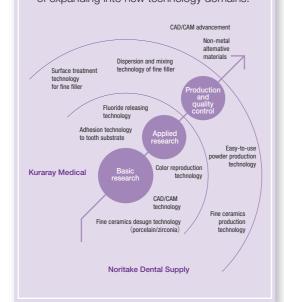




Company Profile

Kuraray Medical Inc. and Noritake Dental Supply Co., Ltd. merged in April 2012 with the aim of creating synergy in the areas of development, production, and sales, and strengthening their presence in the Japanese and global markets. The new company, Kuraray Noritake Dental Inc., seeks to develop new products based on the technologies cultivated thus far by the individual companies, and through it, to contribute to enhancing patients' quality of life, continuing to take on the daily challenge of expanding into new technology domains.



KATANA Zirconia & CERABIEN ZR (CZR) Porcelain Fused Zirconia (PFZ) Solution

"The patient expressed a lack of confidence in her smile due to esthetic issues with her maxillary central incisors. Final crowns created using Noritake KATANA all-ceramics were cemented.

The result is a beautiful smile with completely natural-looking teeth."



KATANA Zirconia : Full Contour Zirconia (FCZ) Solution

KATANA Zirconia Material can make Full Contour Zirconia which has high cost performance. You can get strong and stable posterior restoration without layering. CERABIEN ZR (CZR) Internal & External Stain and E Graze will give more esthetic result with minimum intervention.







Related **Materials**



(Polising Materials) Diamond Paste for Polishing Zirconia Material





KATANA WAX Disc **Size** 98.5mm X T : 14mm & 20mm

(€ 0120



CERABIEN ZR (CZR) and CZR PRESS

Best matching with KATANA Zirconia Materials.

CERABIEN ZR (CZR) Series is a porcelain specifically developed flexural strength and excellent fracture toughness. The for making all ceramic crowns in use with zirconia frameworks. combination of CERABIEN ZR (CZR) Series and KATANA Crown and Bridge made from with KATANA Zirconia can be Zirconia will give you enhanced esthetics and fitness with used in the posterior as well as anterior due to its extremely high maximum strength for an overall superior restoration.

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

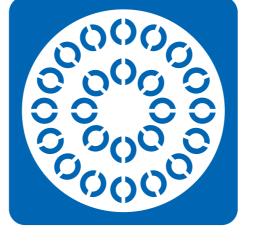
KATANA

Zirconia Materials

Esthetic High Translucency Low Monoclinic Transformation High Strength

Pre-colored Technology

Easy Milling





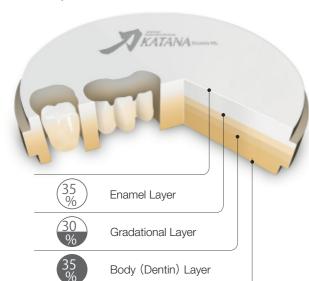


KATANA KATANA Zirconia (ML & HT)

"High Translucency" or "Safety" Which do you choose? You can get both with "KATANA Zirconia (ML & HT)"

Collaboration between High Translusency & Pre-colored Technology

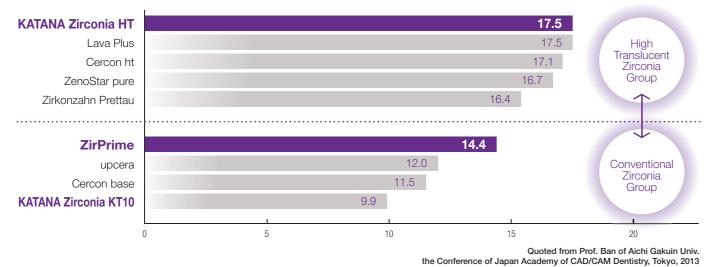




■ Translucency of 1.0mm thickness

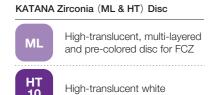


Translucency parameter



Esthetic High Translucency & Pre-colored Shade

Color Variety



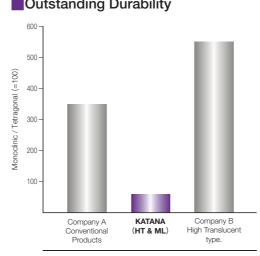


Low Monoclinic Transformation

What is Monoclinic Transformation?

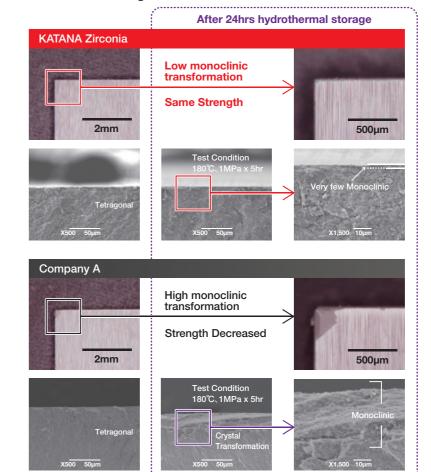
Under hydrothermal condition, tetragonal system of zirconia surface transforms to monoclinic and gets brittle. (See figure of Company A) KATANA Zirconia, however, will have minimal monoclinic shift and maintain its strength. (See figure of KATANA Zirconia)

Outstanding Durability



KATANA Zirconia (ML & HT) have outstanding durability even if they have high translucency.

■Lifetime Strength Persistence



Line-up of KATANA Zirconia Material (All Pre-sintered) (60120)

Zirconia Line-up Diameter		KATANA Zirconia (ML)	KATANA Zirconia (HT)	
		98.5mm	98.5mm	
Thickness	Straight 10	_	•	
	Collar 14	•	•	
	Collar 18	•	•	
	Collar 22	•	•	
	Collar 26	_	•	
'		A Light		
Sh	nade	A Dark	HT10 (white)	
		B Light		

Physical Property

	KATANA Zirconia (ML & HT)	
Flexural Strength	1,100MPa	
Fracture toughness (K1c)	≧5MPa·m¹/2	