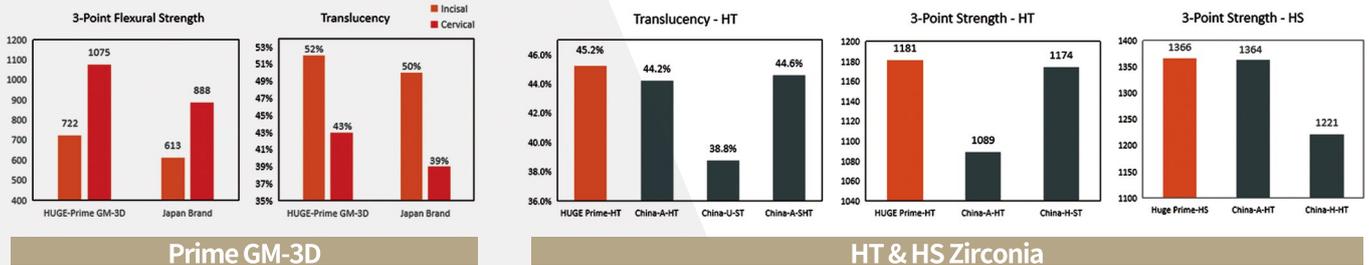


Product						
Sample						
Type	3Y-TZP	3Y-TZP	4Y-TZP	5Y-TZP	Incisal: 5Y-TZP Dentin: 4Y-TZP	Incisal: 5Y-TZP Dentin: 3Y-TZP
Bending Strength	1200Mpa	1100Mpa	1000Mpa	700Mpa	Incisal: 700Mpa Dentin: 1050Mpa	Incisal: 700Mpa Dentin: 1200Mpa
Translucency	40%	43%	43%	49%	Incisal: 57% Dentin: 43%	Incisal: 57% Dentin: 43%
Fracture	≥5	≥5	≥5(Dentin)	≥3.5	≥5(Dentin)	≥5(Dentin)
Shades	White	White A1,A2,A3,A3.5,A4 B1,B2,B3,B4 C1,C2,C3,C4 D2,D3,D4	A1,A2,A3,A3.5,A4 B1,B2,B3,B4 C1,C2,C3,C4 D2,D3,D4	White	A1,A2,A3,A3.5,A4 B1,B2,B3,B4 C1,C2,C3,C4 D2,D3,D4 BL1,BL2,BL3	A1,A2,A3,A3.5,A4 B1,B2,B3,B4 C1,C2,C3,C4 D2,D3,D4 BL1,BL2,BL3,BL4

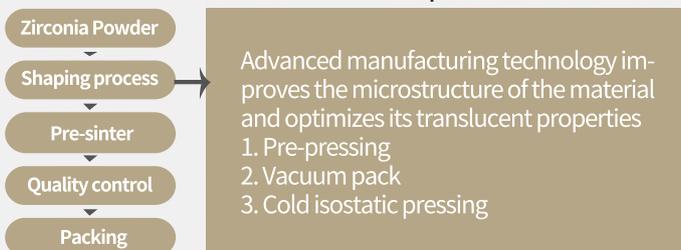
Excellent Performance in Testing Compared to Competitors

HUGE Dental have conducted a series of tests on our zirconia products and those of competitors on the market, ensuring that our products outperform similar products in the market in terms of strength, translucency and other aspects.



HUGE Advanced Manufacturing technology

· Manufactured at our in-house production site



· Diverse products in different types, shades, systems and thickness

· Comprehensive and in-depth research on sintering

HUGE



PREMIUM ZIRCONIA BLOCK

Made of 100% TOSOH Powder

Product						
Sample						
Type	3Y-TZP	3Y-TZP	3Y-TZP	5Y-TZP	Incisal: 5Y-TZP Dentin: 4Y-TZP	Incisal: 5Y-TZP Dentin: 4Y-TZP
Bending Strength	1400Mpa	1100Mpa	1100Mpa	700mpa	Incisal: 700Mpa Dentin: 1060Mpa	Incisal: 700Mpa Dentin: 1200Mpa
Translucency	40%	43%	43%	49%	Incisal: 57% Dentin: 43%	Incisal: 57% Dentin: 43%
Fracture toughness [MPa*m ^{1/2}]	≥5	≥5	≥5(Dentin)	≥3.5	≥5(Dentin)	≥5(Dentin)
Shades	White	White A1,A2,A3,A3.5,A4 B1,B2,B3,B4 C1,C2,C3,C4 D2,D3,D4	A Light, A Dark	White A1,A2,A3,A3.5,A4 B1,B2,B3,B4 C1,C2,C3,C4 D2,D3,D4	Hollywood White A1,A2,A3,A3.5,A4 B1,B2,B3,B4 C1,C2,C3,C4 D2,D3,D4,Bleach	A1,A2,A3,A3.5,A4 B1,B2,B3,B4 C1,C2,C3,C4 D2,D3,D4,Bleach

100% TOSOH Powder

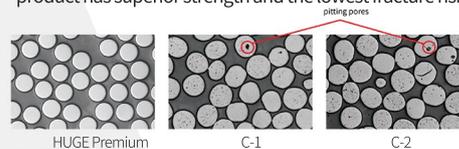
• Perfect granular homogeneity

The uniformity ensures HUGE Premium Zirconia product has superior strength and the lowest fracture risk.



• Perfectly homogenous microstructure

The uniformity ensures HUGE Premium Zirconia product has superior strength and the lowest fracture risk.



• Purity

Purity makes sure that the material is strong due to no foreign bodies being present and also that it is healthy, with no negative elements that could affect a patient's health.

TOSOH $ZrO_2+HfO_2+Y_2O_3+Al_2O_3 > 99.9\%$
C-4 Company Mg, Si, S, Cr, Cu, Zn, Sn, Pb, CaCO₃, TaIc, Mica

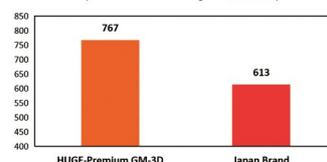
Excellent Performance in Strength Testing Compared to Competitors



The 3-point flexural strength in cervical part

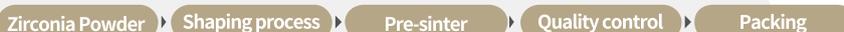


The 3-point flexural strength in incisal part



HUGE Advanced Manufacturing technology

• Manufactured at our in-house production site



Advanced manufacturing technology improves the microstructure of the material and optimizes its translucent properties

1. Pre-pressing
2. Vacuum pack
3. Cold isostatic pressing

• Diverse products in different types, shades, systems and thickness

• Comprehensive and in-depth research on sintering