

HUGE

Dental Zirconia Block

PRIME SERIES



Shandong Huge Dental Material Corporation

ADD: No. 68 Shanhai Road, Donggang District, Rizhao City, Shandong Province,
276800, P. R. China



TEL: 0633-2277268 www.hugedental.com
FAX: +86 (633) 2277298 marketing@hugedental.com

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Global Dental Supplier · Since 1985



HUGE



Dental Zirconia Block

PRIME SERIES

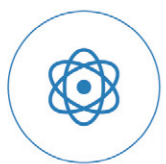
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HUGE

GLOBAL DENTAL SUPPLIER

Dental Material Dental Equipment



R&D



Production



Sales



Service

Digital Dental Solution



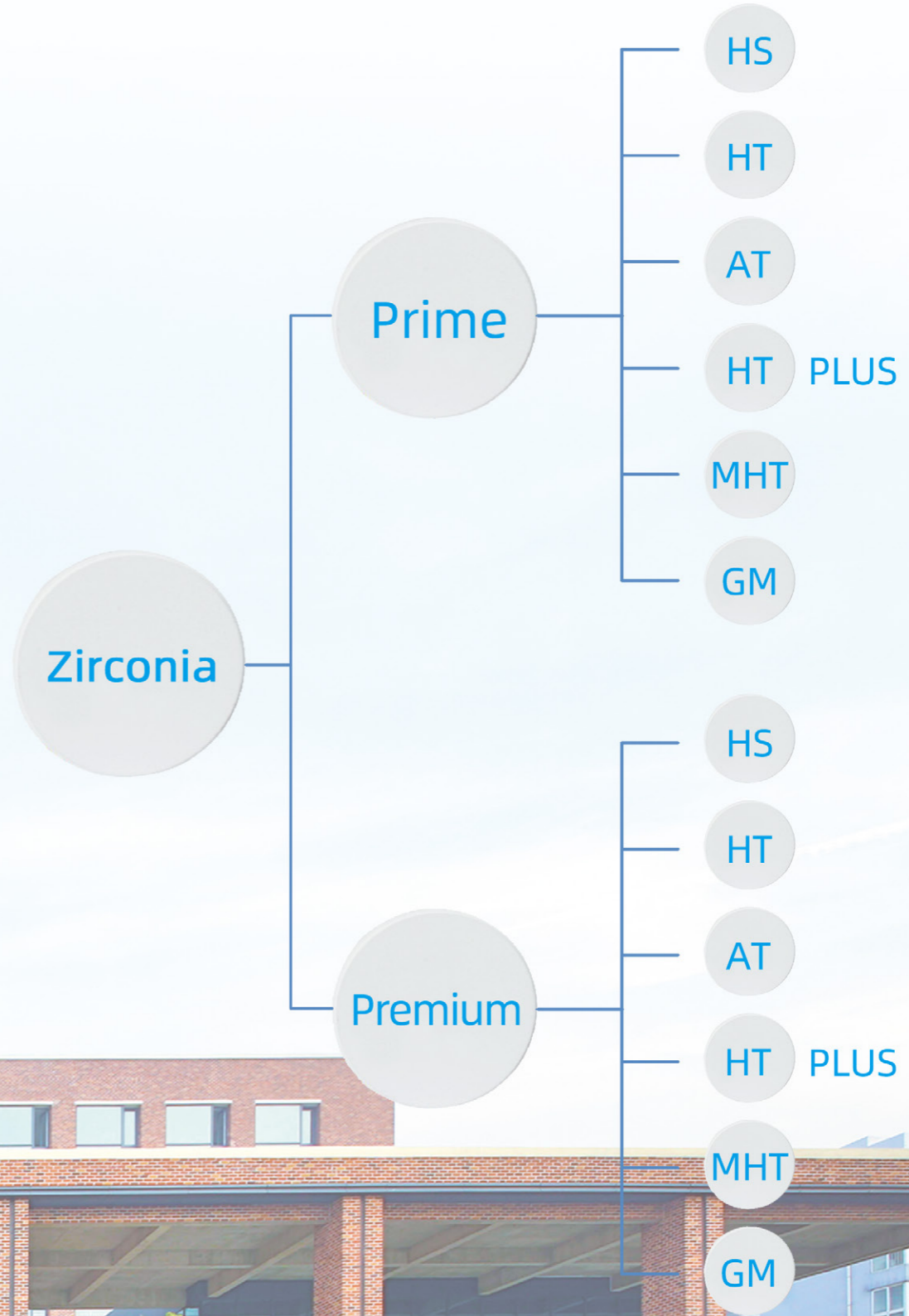
Who we are?

Huge Dental was initially established in 1985 in Shanghai China. As a global high-tech enterprise integrating dental products R&D, production, sales and service, we now have formed complete product lines for laboratory and clinical dental materials.

With about six hundred employees consistently engaging in dental material R&D, production and sales, we have built up three R&D centers functioning independently in Beijing, Qingdao and Rizhao. Moreover, our modern factory in Rizhao occupies an area of ten thousand square meters and is still being expanded. Under the efforts of our passionate and professional sales team, our products are currently sold to more than one hundred countries, and more than 50 million users are benefited.

Through all these years, we have created a working environment characterized by openness, respect, trust and fairness. We treat each client with sincerity and responsibility, trying our best to provide thoughtful dental product experiences. We are dedicated to becoming the leading supplier of dental materials in the world, and providing complete digital dental solutions.

PRODUCT SERIES



FDA CE
Certified

600+
Employees

10,000m²
Manufacturing and
research plant



Zirconia Block Introduction

Customized and OEM Orders Available



Open System

PART NUMBER	SIZE	MODEL
D98-10	Φ98×10 mm	HS/HT/AT/MHT/GM
D98-12	Φ98×12 mm	HS/HT/AT/MHT/GM
D98-14	Φ98×14 mm	HS/HT/AT/MHT/GM
D98-16	Φ98×16 mm	HS/HT/AT/MHT/GM
D98-18	Φ98×18 mm	HS/HT/AT/MHT/GM
D98-20	Φ98×20 mm	HS/HT/AT/MHT/GM
D98-22	Φ98×22 mm	HS/HT/AT/MHT/GM
D98-25	Φ98×25 mm	HS/HT/AT/MHT/GM



Amann Girschbach System

PART NUMBER	SIZE	MODEL
89-71-10	89×71×10	HS/HT/AT/MHT/GM
89-71-12	89×71×12	HS/HT/AT/MHT/GM
89-71-14	89×71×14	HS/HT/AT/MHT/GM
89-71-16	89×71×16	HS/HT/AT/MHT/GM
89-71-18	89×71×18	HS/HT/AT/MHT/GM
89-71-20	89×71×20	HS/HT/AT/MHT/GM
89-71-22	89×71×22	HS/HT/AT/MHT/GM
89-71-25	89×71×25	HS/HT/AT/MHT/GM

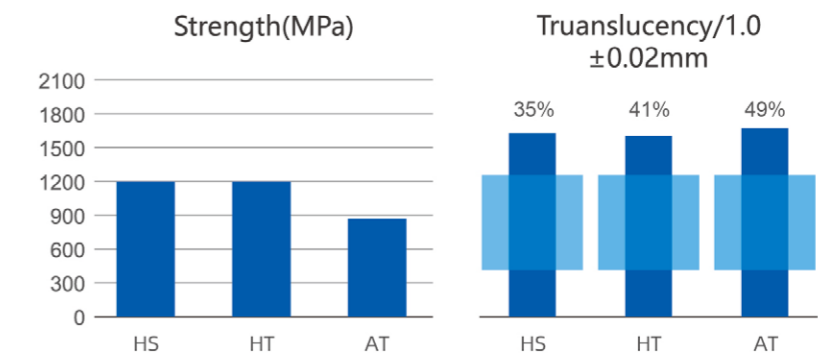


Zirkon Zahn System

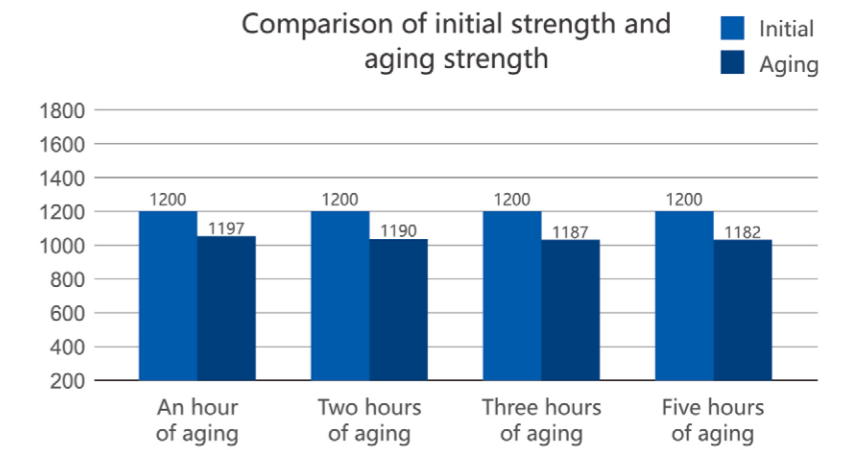
PART NUMBER	SIZE	MODEL
D95-10	Φ95×10 mm	HS/HT/AT/MHT/GM
D95-12	Φ95×12 mm	HS/HT/AT/MHT/GM
D95-14	Φ95×14 mm	HS/HT/AT/MHT/GM
D95-16	Φ95×16 mm	HS/HT/AT/MHT/GM
D95-18	Φ95×18 mm	HS/HT/AT/MHT/GM
D95-20	Φ95×20 mm	HS/HT/AT/MHT/GM
D95-25	Φ95×25 mm	HS/HT/AT/MHT/GM



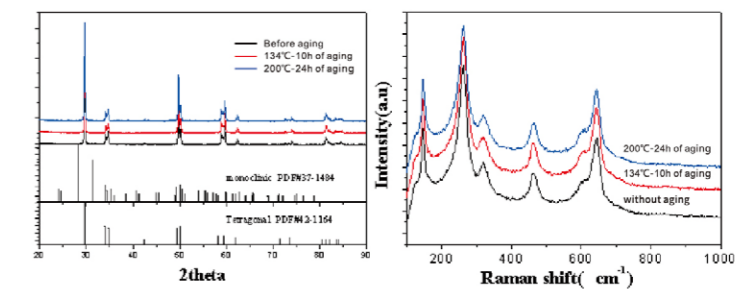
Physical Characteristics



Comparison of initial strength and aging strength



XRD and Raman shift shows that before and after aging test Zirconia is very stable without changes.





HS Zirconia Block



- High translucent
- Brilliant bending strength and economical Block
- Suitable for coping ,framework

Indications



Physical Characteristics

Sintered density	≥ 6.0g/cm ³
Bending Strength	≥ 1200MPa(Av.)
Transmittance	35%
Hardness	1200HV
Sintering temperature	1400-1580°C, recommend 1500°C

HT Zirconia Block



- Super translucent
- Suitable for full contour crown , bridge and anterior

Indications



Physical Characteristics

Sintered density	≥ 6.0g/cm ³
Bending Strength	≥ 1200MPa(Av.)
Transmittance	41%
Hardness	1200HV
Sintering temperature	1400-1580°C, recommend 1450°C



AT Zirconia Block



- Ultra translucent
- Suitable for veneer , coping , bridge

Indications



Physical Characteristics

Sintered density	≥ 6.0g/cm ³
Bending Strength	≥ 600MPa(Av.)
Transmittance	49%
Hardness	1200HV
Sintering temperature	Recommend 1450°C



HT Color Zirconia Block



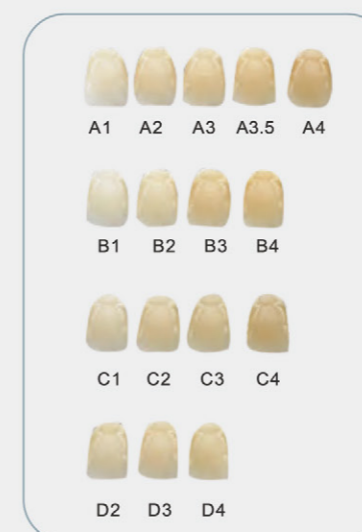
- Pre-shaded technics
- Uniform color
- Without post dyeing process
- Suitable for full contour crown , bridge and anterior

Indications



Physical Characteristics

Sintered density	≥ 6.0g/cm ³
Bending Strength	≥ 1200MPa(Av.)
Transmittance	41%
Hardness	1200HV
Sintering temperature	1400-1580°C, recommend 1450°C





MHT Zirconiablock

- Multilayer color
- No need for further dyeing operation
- Suitable for anterior, crown and bridge

Indications



Physical Characteristics

Sintered density	≥ 6.0g/cm ³
Bending Strength	≥ 900MPa(Av.)
Transmittance	23%-36%
Hardness	1200HV
Sintering temperature	1400-1580°C, recommend 1450°C



Gradient Multilayer Zirconiablock

- Seamless gradient makes the color change smoothly
- From 20% to 49% gradient for transparency
- Strength shows gradient from 700MPa to 1050MPa
- Suitable for anterior, crown and 3 unit bridges

Indications



Physical Characteristics

Sintered density	≥ 6.0g/cm ³
Hardness	1200HV
Sintering temperature	Recommend 1500°C



Zirconia Block (Premium)

100% TOSOH

HUGE AT
HUGE HT
HUGE SD
HUGE HS
HUGE MHT

zirking | **Zirconia Block (Premium)**
 Made of 100% Tosoh Powder

PMMA/Wax Dsic

HUGE has the most complete size and shades of PMMA Block, and is the largest PMMA BLOCK manufacturer and seller in China. For specific product details, please refer to the PMMA Catalog.

Multilayer PMMA BLOCK



22 Shades & 6 Systems

Full Denture PMMA BLOCK



22 Shades & 6 Systems

Monolayer PMMA BLOCK



23 Shades & 6 Systems

Clear PMMA BLOCK



4 Shades: Pink, Orange, Clear, Red

Pink PMMA BLOCK



4 Shades: 2S, 2ST, 3S, 3ST

Wax Block



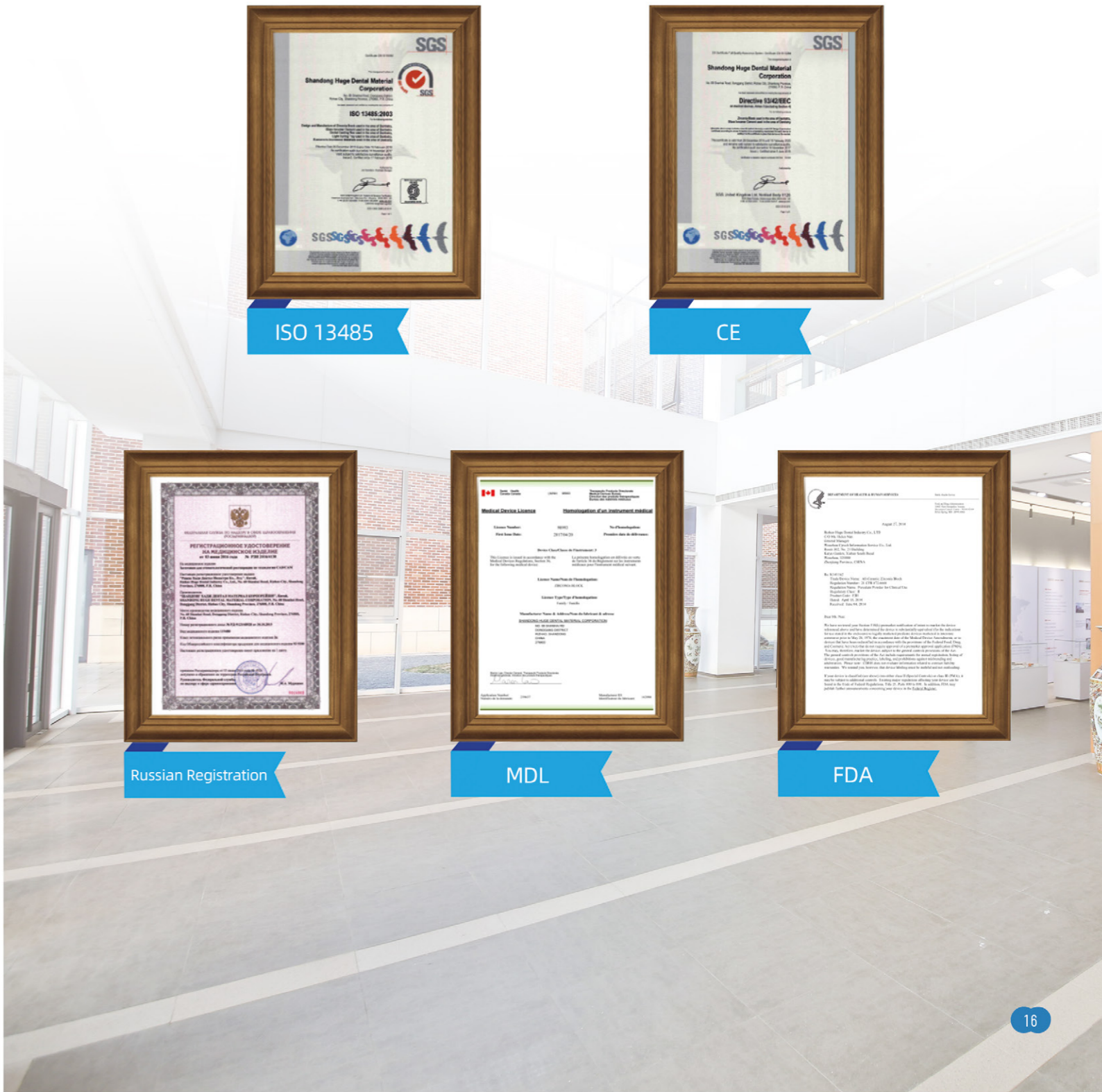
Blue/White

Clients all over the world

Under the efforts of our passionate and professional sales team, our products are currently sold to more than one hundred countries, and more than 50 million users are benefited. Through all these years, we have created a working environment characterized by openness, respect, trust and fairness. We are dedicated to becoming the leading supplier of dental materials in the world, and providing complete digital dental solutions.



CERTIFICATION



ISO 13485



CE



Russian Registration



MDL



FDA