



Changsha Vsun Biotechnology Co.,LTD
www.vsundental.com



HT WH *High Translucency White*

ST WH *Super Translucency White*

SHT WH *Super High Translucency White*

ST PS *Super Translucency Preshaded*

ST ML *Super Translucency Multilayered*

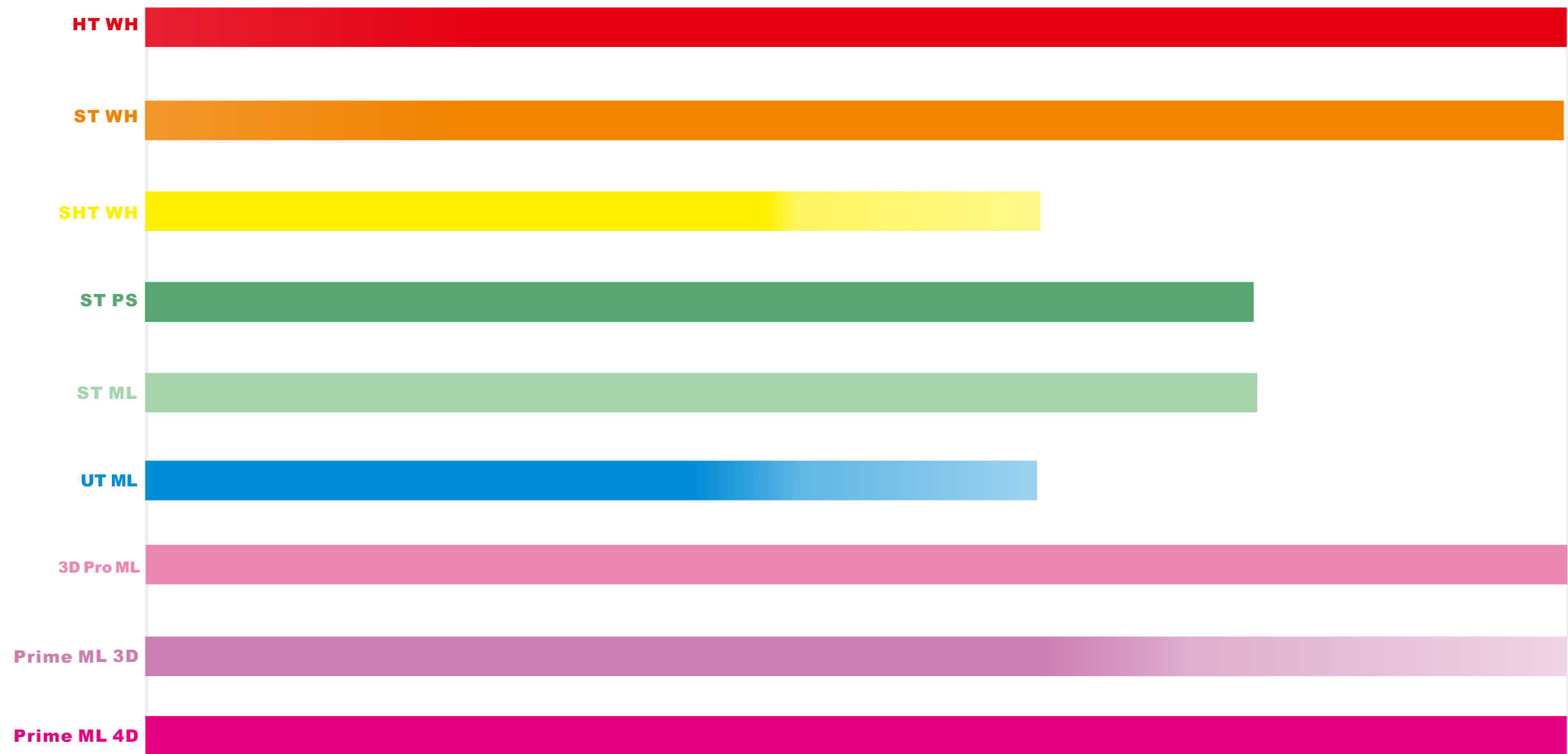
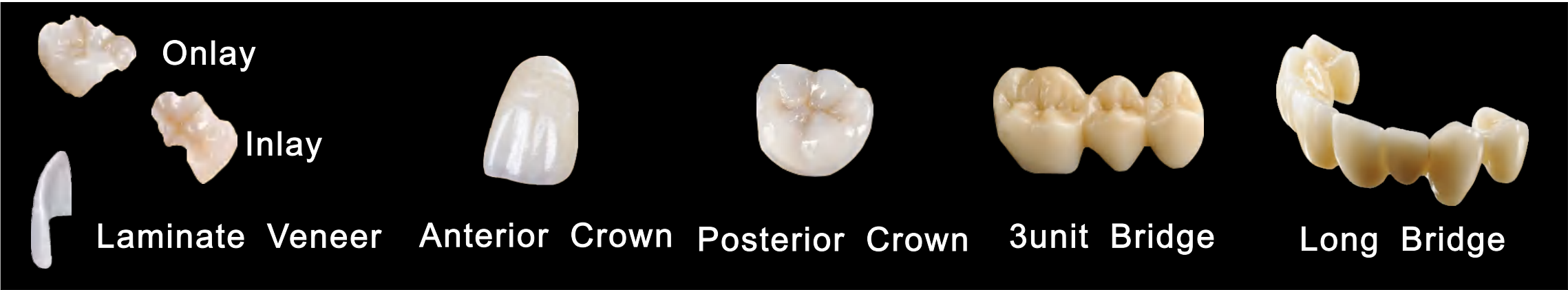
UT ML *Ultra Translucency Multilayered*

3D Pro ML *3D Pro Multilayered*

Prime ML 3D *Prime Multilayered 3D*

Prime ML 4D *Prime Multilayered 4D*

● Indications





HT WH Zirconia

High Translucency White

	HT WH
Translucency	41%
Strength	1250Mpa
Dimension	98/95ZZ/AG
Thickness	10/12/14/16/18/20/22/25/30mm
Shade	White
Indications	inlay/onlay/veneer/coping/crown/short bridge/long bridge



ST WH Zirconia

Super Translucency White

	ST WH
Translucency	43%
Strength	1200Mpa
Dimension	98/95ZZ/AG
Thickness	10/12/14/16/18/20/22/25/30mm
Shade	White
Indications	inlay/onlay/veneer/coping/crown/short bridge/long bridge



SHT WH Zirconia

Super High Translucency White

	SHT WH
Translucency	47%
Strength	1000Mpa
Dimension	98/95ZZ/AG
Thickness	10/12/14/16/18/20/22/25/30mm
Shade	White
Indications	inlay/onlay/veneer/coping/crown



ST PS Zirconia

Super Translucency Preshaded

	ST PS
Translucency	43%
Strength	1100Mpa
Dimension	98/95ZZ/AG
Thickness	10/12/14/16/18/20/22/25/30mm
Shade	A1/A2/A3/A3.5/A4/B1/B2/B3/B4/C1/C2/C3/C4/D2/D3/D4/BL1/BL2/BL3/BL4
Indications	inlay/onlay/veneer/coping/crown/short bridge



ST ML Zirconia

Super Translucency Multilayered

	ST ML
Translucency	43%
Strength	1100Mpa
Dimension	98/95ZZ/AG
Thickness	10/12/14/16/18/20/22/25/30mm
Shade	A1/A2/A3/A3.5/A4/B1/B2/B3/B4/C1/C2/C3/C4/D2/D3/D4/BL1/BL2/BL3/BL4
Indications	inlay/onlay/veneer/coping/crown/short bridge



UT ML Zirconia

Ultra Translucency Multilayered

	UT ML
Translucency	49%
Strength	800Mpa
Dimension	98/95ZZ/AG
Thickness	10/12/14/16/18/20/22/25/30mm
Shade	A1/A2/A3/A3.5/A4/B1/B2/B3/B4/C1/C2/C3/C4/D2/D3/D4/BL1/BL2/BL3/BL4
Indications	inlay/onlay/veneer/coping/crown



3D Pro ML Zirconia

3D Pro Multilayered

	3D Pro ML
Translucency	43%-50%
Strength	1300-800Mpa
Dimension	98/95ZZ/AG
Thickness	10/12/14/16/18/20/22/25/30mm
Shade	A1/A2/A3/A3.5/A4/B1/B2/B3/B4/C1/C2/C3/C4/D2/D3/D4/BL1/BL2/BL3/BL4
Indications	inlay/onlay/veneer/coping/crown/short bridge/long bridge



Prime ML Zirconia

Prime Multilayered

	Prime ML 3D	Prime ML 4D
Translucency	43%-57%	43%-57%
Strength	1100-750Mpa	1200-700Mpa
Dimension	98/95ZZ/AG	
Thickness	10/12/14/16/18/20/22/25/30mm	
Shade	A1/A2/A3/A3.5/A4/B1/B2/B3/B4/C1/C2/C3/C4/D2/D3/D4/BL1/BL2/BL3/BL4	
Indications	inlay/onlay/veneer/coping/crown/short bridge	inlay/onlay/veneer/coping/crown/short bridge/long bridge



PMMA MO

PMMA Monolayered

	PMMA MO
Melting Point	112℃
Strength	120Mpa
Density	1.4g/cm3
Hardness	88(Shore)
Dimension	98/95ZZ/AG
Thickness	10/12/14/16/18/20/22/25/30/35mm
Shade	A1/A2/A3/A3.5/A4/B1/B2/B3/B4/C1/C2/C3/C4/D2/D3/D4/Bleach/White/Pink/Clear
Indications	temporary crown/temporary bridge



PMMA ML

PMMA Multilayered

	PMMA ML
Melting Point	112℃
Strength	120Mpa
Density	1.4g/cm3
Hardness	88(Shore)
Dimension	98/95ZZ/AG
Thickness	14/16/18/20/22/25/30mm
Shade	A1/A2/A3/A3.5/A4/B1/B2/B3/B4/C1/C2/C3/C4/D2/D3/D4/Bleach
Indications	temporary crown/temporary bridge



Pink PMMA

Pink PMMA Removable Denture

	Monolayered	Bilayered
Melting Point	112℃	
Strength	120Mpa	
Density	1.4g/cm3	
Hardness	88(Shore)	
Dimension	98/95ZZ	
Thickness	20/22/25/30mm	
Shade	Pink A/B/C	Pink A/B/C+Vita 16 Colors
Indications	full dentures/partial dentures/temporary dentures	



Acetal Resin

Flexible Acetal Resin

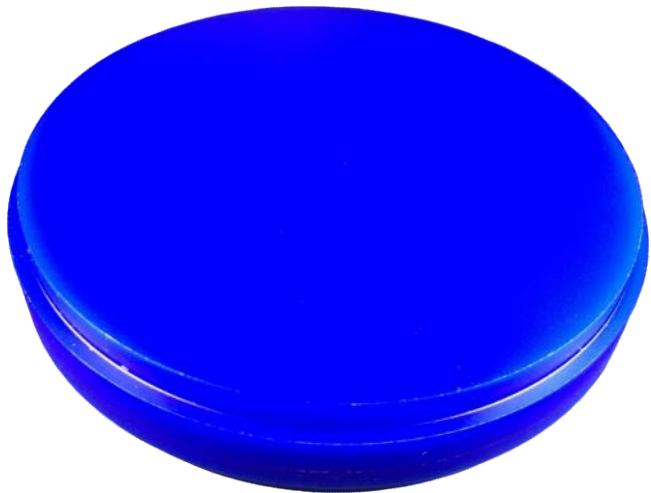
	Acetal Resin
Tensile Strength	61Mpa
Flexural Strength	90Mpa
Density	1.41g/cm3
Dimension	98/95ZZ/AG
Thickness	14/16/18/20/25/30mm
Shade	A0/A1/A2/A3/B1/Pink/Clear
Indications	denture clasp/framework/splint/ crown/ bridge



PEEK

Poly Ether Ether Ketone

	PEEK
Tensile Strength	98Mpa
Bending Strength	162Mpa
Elongation at Break	45%
Dimension	98/95ZZ/AG
Thickness	14/16/18/20/22/25/30mm
Shade	Nature/White/Beige/Pink
Indications	Crown/Abutment/Splint/Framework/Bridge



Wax

Dental Wax

	Wax
Melting Point	112℃
Density	0.91g/cm3
Dimension	98/95ZZ/AG
Thickness	10/12/14/16/18/20/22/25/30mm
Shade	Blue/Green/White/Beige
Indications	wax-up/model cast



Co-Cr Alloy

Cobalt Chrome Alloy

	Co-Cr Alloy
Cobalt	63%
Chrome	29%
Molybdenum	5%
Density	8.5g/cm3
Melting Point	1360℃
HRB	30
Indications	Co-Cr framework



Titanium

Dental Titanium Alloy

	Gr5	Gr2
Tensile Strength	920Mpa	435Mpa
Yield Strength	830Mpa	338Mpa
Elongation	18%	26%
Dimension	98/95ZZ	
Thickness	10/12/14/16/18/20/22/25mm	
Indications	crown/bridge/abutment/framework	



Lithium Disilicate

Lithium Disilicate E.max

	C14(18x13x15mm)	B40(40x15x14mm)
Strength	300Mpa	
Density	2.5g/cm3	
Translucency	HT/LT	
Shade	A1/A2/A3/A3.5/A4/B1/B2/B3/B4/C1/C2/C3/C4/D2/D3/D4/BL1/BL2/BL3/BL4	
Indications	inlay/onlay/veneer/crown	inlay/onlay/veneer/crown/bridge



Press Lithium Disilicate

Press Lithium Disilicate Ingot

	Ingot(12.5x12.5x10mm)
Strength	450Mpa
Density	2.5g/cm3
Translucency	HT/LT
Shade	A1/A2/A3/A3.5/A4/B1/B2/B3/B4/C1/C2/C3/C4/D2/D3/D4/BL1/BL2/BL3/BL4
Indications	inlay/onlay/veneer/crown



CADCAM Milling Burs

For Materials

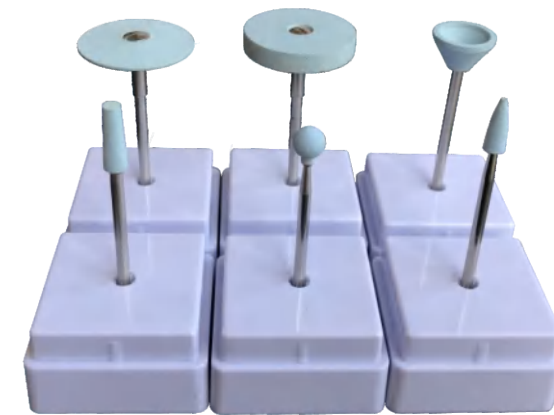
Zirconia, PMMA, PEEK, wax, lithium disilicate(e.max), metal

Coatings

Chemical Vapor Deposition coating(CVD DC), Diamond Like Coating(DLC), Rainbow Coating, No-Coating(NC)

CADCAM Brands

Roland, Imeslcore, Zirkonzahn, VHF, Amann Girrbach, Arum, Sirona, Wieland, Xtcera, LAVA, Manix, Dentium, KAVO, Yenadent, Dent Mill, Deprag, Up3d etc.



Diamond Grinding Polishing Stone

Shank 2.35mm

Speed 10000 to 25000rpm

For grinding, cutting and polishing Zirconia, Emax etc.



Ceramic Furnace

Maximum Temperature 1200°C

Maximum Speed of Temperature 200°C/min

Power 1500W

Voltage Frequency 100-120V 50/60HZ 230V 50/60HZ

For glaze, ceramic, lithium disilicate(e.max), fast sintering zirconia etc.



Press Furnace

Maximum Temperature 1200°C

Maximum Speed of Temperature 200°C/min

Power 1500W

Voltage Frequency 100-120V 50/60HZ 230V 50/60HZ

For porcelain, ceramic, lithium disilicate press ingot(press e.max) etc.



Sintering Furnace

Maximum Temperature 1530°C

Maximum Speed of Temperature 200°C/min

Power 1200W

Voltage Frequency 100-120V 50/60HZ 230V 50/60HZ

For zirconia, glaze, ceramic, lithium disilicate(e.max) etc.



Sintering Furnace

Maximum Temperature 1650°C

Maximum Speed of Temperature 200°C/min

Power 4000W

Voltage Frequency 100-120V 50/60HZ 230V 50/60HZ

For zirconia, glaze, ceramic, lithium disilicate(e.max) etc.

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