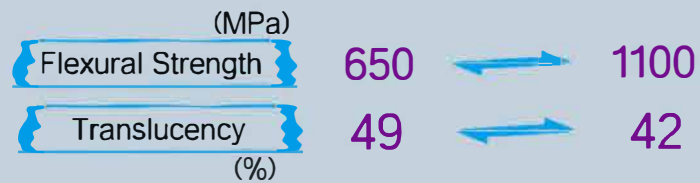


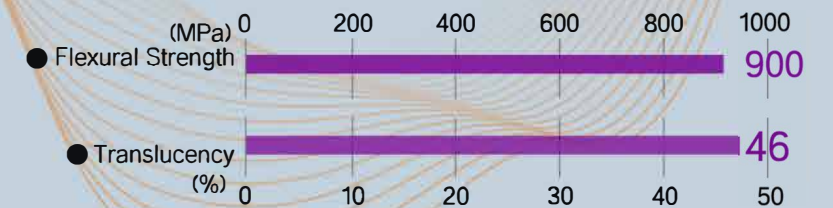
3D PRO

All In One

ST-Plus Multilayer (Super Translucency Plus)



Born for Aesthetic



Indication



Composition

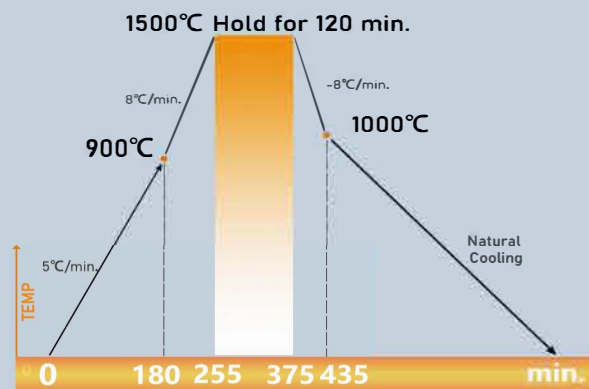
ZrO₂+ HfO₂+Y₂O₃ > 99%
 Y₂O₃ 5.2%-10%
 Al₂O₃ < 0.15%



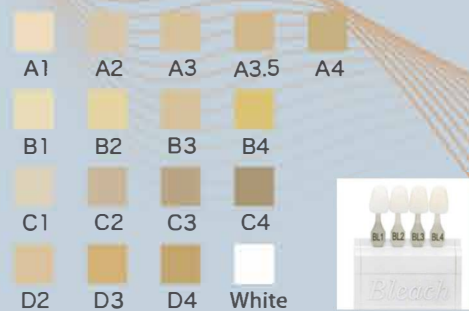
System



Sintering Curve



Shades



Indication

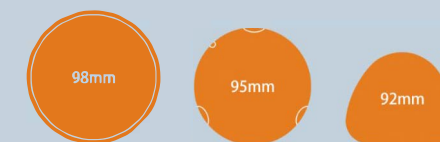


Composition

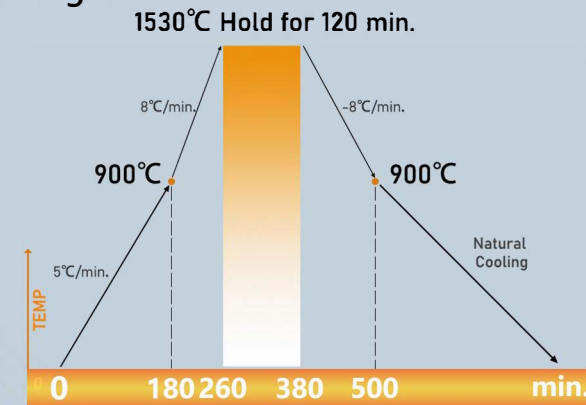
ZrO₂+ HfO₂+Y₂O₃ > 99%
 Y₂O₃ 7.0%-7.8%
 Al₂O₃ < 0.15%



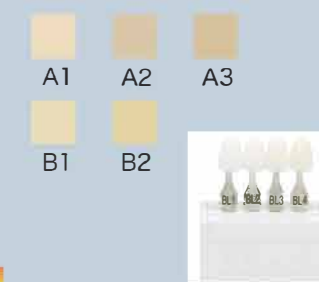
System



Sintering Curve

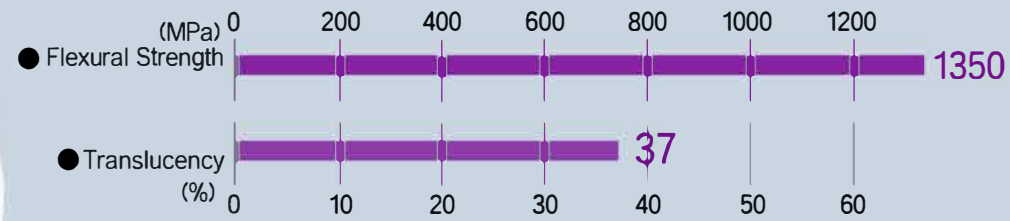


Shades



audental

HT White (High Translucency)



Indication



Chemical composition

Components	HT
ZrO ₂ +HfO ₂ +Y ₂ O ₃	≥99%
Y ₂ O ₃	4.5%-6.0%
Al ₂ O ₃	<0.25%
Other Oxides	<0.15%

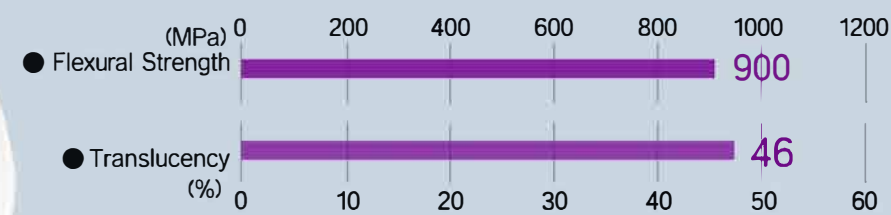
Shapes and Sizes

OD98*10mm	OD98*18mm	OD95*10mm	OD95*18mm		
OD98*12mm	OD98*20mm	OD95*12mm	OD95*20mm	92*75*12mm	92*75*18mm
OD98*14mm	OD98*22mm	OD95*14mm	OD95*22mm	92*75*14mm	92*75*20mm
OD98*16mm	OD98*25mm	OD95*16mm	OD95*25mm	92*75*16mm	92*75*25mm

16 Colors Liquids



ST-Plus Preshaded (Super Translucency Plus)



Indication



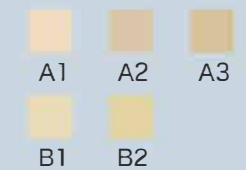
Chemical composition

Components	ST Plus
ZrO ₂ +HfO ₂ +Y ₂ O ₃	≥99%
Y ₂ O ₃	7.0%-7.8%
Al ₂ O ₃	<0.15%
Other Oxides	<0.15%

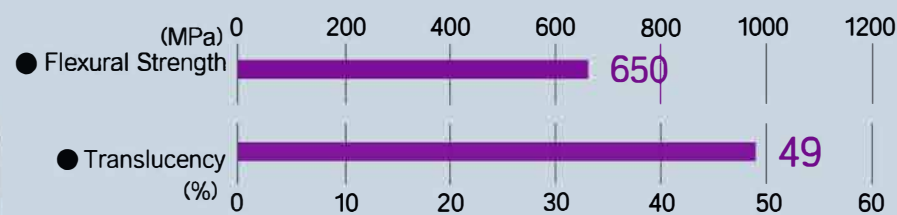
Shapes and Sizes

OD98*10mm	OD98*18mm	OD95*10mm	OD95*18mm		
OD98*12mm	OD98*20mm	OD95*12mm	OD95*20mm	92*75*12mm	92*75*18mm
OD98*14mm	OD98*22mm	OD95*14mm	OD95*22mm	92*75*14mm	92*75*20mm
OD98*16mm	OD98*25mm	OD95*16mm	OD95*25mm	92*75*16mm	92*75*25mm

Preshaded



UT Multilayer (Ultra Translucency)



Indication



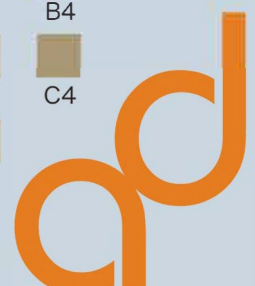
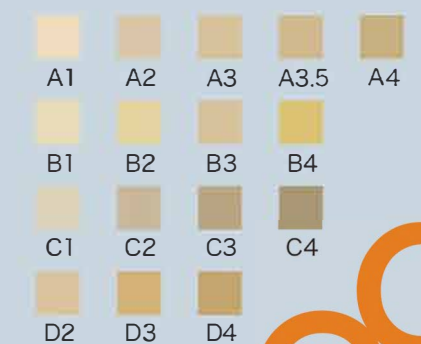
Chemical composition

Components	UT Shaded
ZrO ₂ +HfO ₂ +Y ₂ O ₃	≥99%
Y ₂ O ₃	9%-10%
Al ₂ O ₃	<0.5%
Other Oxides	<0.5%

Shapes and Sizes

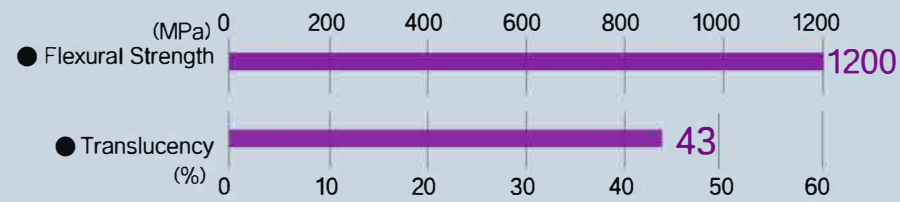
OD98*10mm	OD98*18mm	OD95*10mm	OD95*18mm		
OD98*12mm	OD98*20mm	OD95*12mm	OD95*20mm	92*75*12mm	92*75*18mm
OD98*14mm	OD98*22mm	OD95*14mm	OD95*22mm	92*75*14mm	92*75*20mm
OD98*16mm	OD98*25mm	OD95*16mm	OD95*25mm	92*75*16mm	92*75*25mm

Preshaded



audental

ST White (Super Translucency)



Indication



Chemical composition

Components	ST
ZrO ₂ +HfO ₂ +Y ₂ O ₃	≥99%
Y ₂ O ₃	4.5%-6.0%
Al ₂ O ₃	<0.15%
Other Oxides	<0.15%

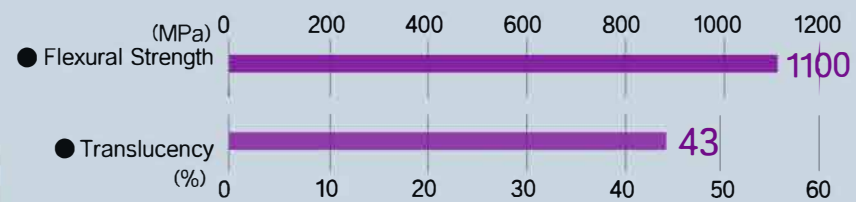
Shapes and Sizes

OD98*10mm	OD98*18mm	OD95*10mm	OD95*18mm		
OD98*12mm	OD98*20mm	OD95*12mm	OD95*20mm	92*75*12mm	92*75*18mm
OD98*14mm	OD98*22mm	OD95*14mm	OD95*22mm	92*75*14mm	92*75*20mm
OD98*16mm	OD98*25mm	OD95*16mm	OD95*25mm	92*75*16mm	92*75*25mm

16 Colors Liquids



ST Preshaded (Super Translucency)



Indication



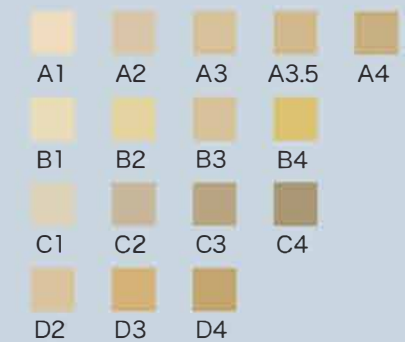
Chemical composition

Components	ST Shaded
ZrO ₂ +HfO ₂ +Y ₂ O ₃	≥99%
Y ₂ O ₃	4.5%-6.0%
Al ₂ O ₃	<0.5%
Other Oxides	<0.5%

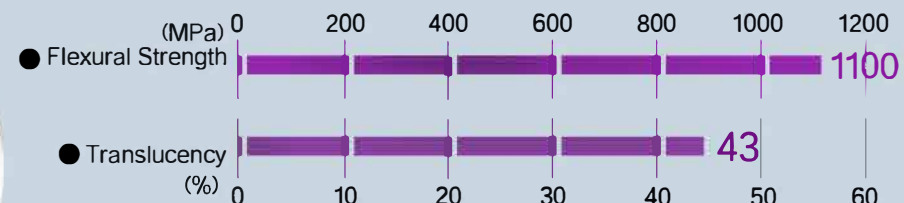
Shapes and Sizes

OD98*10mm	OD98*18mm	OD95*10mm	OD95*18mm		
OD98*12mm	OD98*20mm	OD95*12mm	OD95*20mm	92*75*12mm	92*75*18mm
OD98*14mm	OD98*22mm	OD95*14mm	OD95*22mm	92*75*14mm	92*75*20mm
OD98*16mm	OD98*25mm	OD95*16mm	OD95*25mm	92*75*16mm	92*75*25mm

Preshaded



ST Multilayer (Super Translucency)



Indication



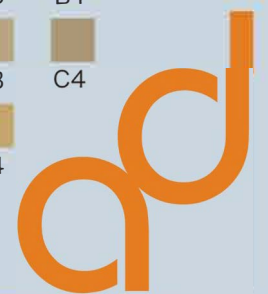
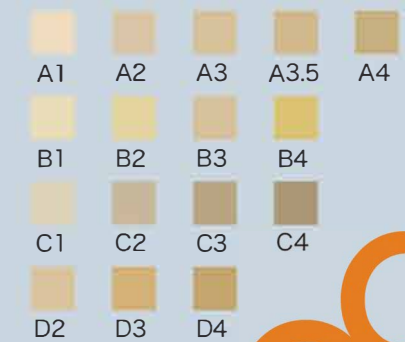
Chemical composition

Components	ST Multilayer
ZrO ₂ +HfO ₂ +Y ₂ O ₃	≥99%
Y ₂ O ₃	4.5%-6.0%
Al ₂ O ₃	<0.5%
Other Oxides	<0.5%

Shapes and Sizes

OD98*10mm	OD98*18mm	OD95*10mm	OD95*18mm		
OD98*12mm	OD98*20mm	OD95*12mm	OD95*20mm	92*75*12mm	92*75*18mm
OD98*14mm	OD98*22mm	OD95*14mm	OD95*22mm	92*75*14mm	92*75*20mm
OD98*16mm	OD98*25mm	OD95*16mm	OD95*25mm	92*75*16mm	92*75*25mm

Preshaded



Cobalt SLM Powder

Selective Laser Melting 3D Printing

Composition

Co 61.5% • Cr 28.1% • W 5.3% • Mo 5.0%

Technical properties

Density: 8.6 g/cm³
 Tensile strength (Rm): 8%
 Vickers hardness: 365
 Liquidus temperature : 1,350 -1,385° C
 Coefficient of thermal expansion : 14.5x10⁻⁶K⁻¹

Indication

Frames for partially; crowns and bridges up to 16 units
 Two-piece abutments
 C&B tertiary frame



PMMA

Mono; Multilayer; Denture Base; Flexible

Composition

Methyl acrylate

Technical properties

Flexural strength: 114Mpa
 Modulus of elasticity: 2500Mpa
 Water absorption: 11 μg/mm³
 Solubility: 0.2 μg/mm³
 Thickness: 10mm-30mm
 Shade: Clear, Pink, A0, Vita 16, Bleach1-4

Indication

Temporary crowns and bridges; verification of the bridge on the plater model/ mouth; full dentures; partial dentures; bite guards; herapeutic splints; drilling templates; frameworks



Lithium Disilicate Block

Matching the Esthetics of Natural Teeth

Composition

Lithium disilicate

Technical properties

Thermal Expansivity (25-500°C)[10-6/K]: 10.5 ± 0.5
 Bending Strength: 418 Mpa
 Density: 2.47 ± 0.05g/cm³
 Chemical Solubility: National standard/ISO < 2000 μg/cm²
 Color: HT/LT A1 A2 A3 A3.5 B1 B2 C1 C2 C3 D4 BL1-4

Indication

Veneer, Inlay, onlay,
 Partial crown, Crown,
 Three-units bridge



Wax

CAD CAM Milling Block; Burnout without waste

Composition

Wax

Technical properties

Melting Point: 116 °C
 Density: 0.89-0.93
 Linear Expansion : 5%
 Diameter: 95mm 98mm
 Thickness: 10mm-30mm
 Color: White Blue Green

Indication

Precise casting or pressing of metal and all ceramic, framework



Metal Alloys Disc

CAD CAM System Dental Implant

Composition

Titanium Gr2, Gr5 or CoCr alloy,

Technical properties

Density: $8.5\text{g/cm}^3 \pm 0.5\text{g/cm}^3$

Tensile strength (Rm): $>560\text{Mpa}$

PFM Bonding Strength $\geq 25\text{ Mpa}$

Diameter: 95mm, 98mm

Height: 10-25mm

Indication

Metal crown and bridge of denture porcelain restoration;
abutments;
C&B tertiary frame etc.



Milling Bur



Mill Machine	Roland	VHF	Wieland Zenotec	Yenadent /Origin	Zirkonzahn M5
Head Φ mm	0.6, 1.0, 2.0	0.6, 1.0, 2.0	0.3, 0.6, 1.0, 2.5	0.6, 1.0, 2.0	0.6, 1.0, 2.0
Shank Φ mm	4mm/6mm	3mm	3mm	4mm	3mm/6mm
Total Length	50mm	35mm/40mm	35mm/40mm	43mm	57mm
Coating	DLC/Diamond	DLC	DLC/Diamond	DLC	DLC/No coating

PEEK

High-Performance Thermoplastic Technopolymer

Composition

Polyetheretherketon: 100%

Technical properties

Flexural Strength: 150 MPa

Density: 1.32 - 1.51g/ml

Flexural Modulus: 4 - 5.8 GPa

Water Solubility: insoluble

Thickness: 10mm - 25mm

Color: Natural Yellow Pink White

Indication

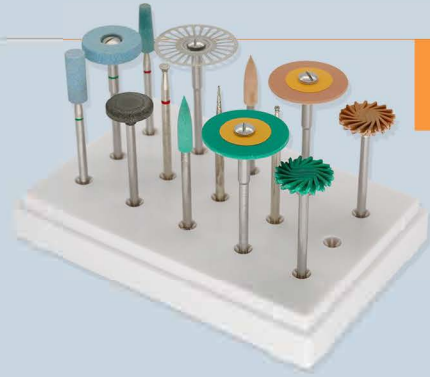
Crowns & bridges (max. 3 units)
Secondary and telescope restorations
Attachment restorations or screw-retained
Implant-supported super structures



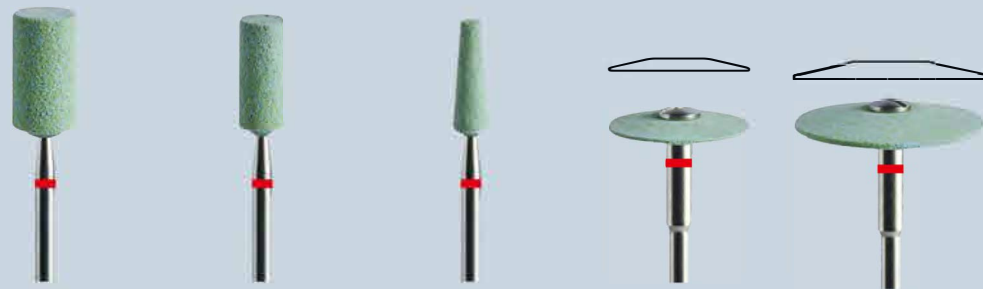
Mill Machine	Sirona	Imes-icores	Arum	Amann Girbach Ceramill
Head Φ mm	0.5, 1.0, 2.0, 2.5	0.6, 1.0, 2.0, 2.5, 3.0	0.6, 1.0, 1.5, 2.0, 2.5, 3.0	0.6, 1.0, 2.5
Shank Φ mm	3mm	3mm 6mm	4mm 6mm	3mm
Total Length	44mm	48mm/50mm/53mm	44mm, 47mm/50mm	47mm
Coating	DLC	DLC	DLC	DLC/Diamond coated

audental

Diamond Turbo Grinder



-  Fine Grit
-  8000-15000 rpm
-  max:25000 rpm
-  1 pc







Order No.	TG01	TG02	TG03	TG06	TG07
Size ϕ 1/10mm	0.65	050	045	160	220
Length in mm	13.0	13.0	13.0	1.5	2.0

-  Fine Grit
-  8000-15000 rpm
-  max:25000 rpm
-  1 pc

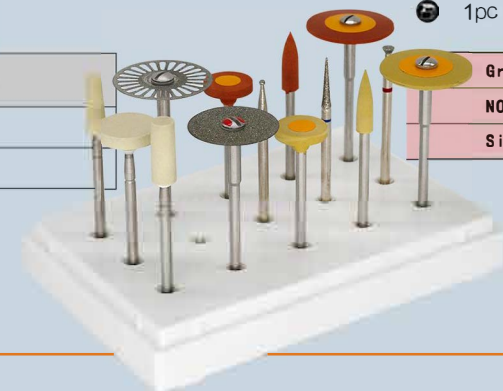


Order No.	TG08	TG09	TG10	TG11	TG12
Size ϕ 1/10mm	220	150	130	220	150
Length in mm	4.5	3.5	2.0	2.0	2.0





-  Extra Fine
-  8000-15000 rpm
-  max:25000 rpm
-  1 pc

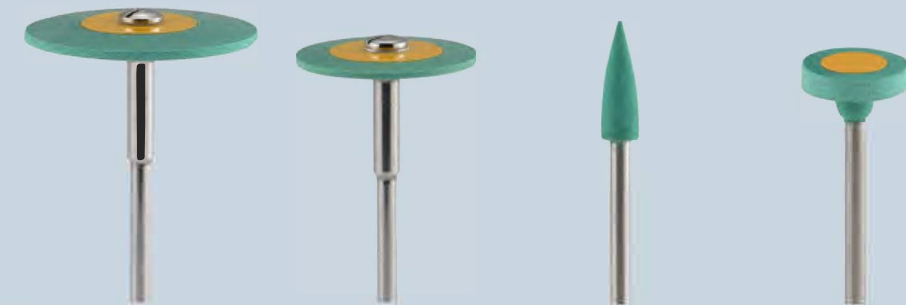


Order No.	TF10	TF02	TF03
Size ϕ 1/10mm	130	050	045
Length in mm	2.0	13.0	13.0



Diamond Polisher

-  medium
-  7000-15000 rpm
-  max:20000 rpm
-  1 pc






Order No.	HG07M	HG06M	HG03M	HG10M
Dimensions(mm)	26*2	20*1	4*13	12*2

-  fine
-  7000-15000 rpm
-  max:20000 rpm
-  1 pc



Order No.	HG07F	HG06F	HG03F	HG10F
Dimensions(mm)	26*2	20*1	4*13	12*2

-  10000-15000 rpm
-  max:20000 rpm
-  1 pc



Grit:	very coarse	coarse	medium	extra-fine	ultra-fine
NO.:	RDH021	RDH023	RDH024	RDH026	RDH025
Size (mm):	26x2	26x2	26x2	26x2	26x2