



ସ୍ପିକା
your success, our inspiration.





Think Good ! & BE POSITIVE

Welcome to our latest catalogue.

As we celebrate our 44th year in business, we would like to thank all of you for your confidence, commitment, ideas, suggestions, and referrals.

Over the past years, we have seen many changes in how we produce the best, where we produce the best and when we produce the best. We have been giving service to all our customer throughout the world, from Far East to Europe and Africa. We have never compromised on the quality and the services provided to the customer. We believe in keeping the customers happy and providing them with products at a very competent price.

We have an excellent Team who will guide you with their best ideas by keeping in constant touch with your company and informing about the market trends.

We are proud of this latest catalogue; which we believe you will be extremely impressed by our wide range of products and take full advantage of. I would personally invite you to browse through and learn more about our wide selection of products and services.

I close this letter with Gölşa's core values - YOUR SUCCESS, OUR INSPIRATION - which each one of our customers and our team live and practice every day.

We look forward to a wonderful relationship together and success for all concerned.

Sincerely,

Sadettin Kaymak

President
GOLSA



1980

Gülsa Co.
has been established

gülsa

1984

ATLAS

Gülsa has started
production of ATLAS
Dental Chairs

1994

ATLAS Machinery &
Chemicals Co. has
been established.
Production of Acrylics

Akrileks

1997

atlasenta

ATLAS-ENTA Co. has
been established.
Production of Porcelain
& Acrylic Teeth

2004

Production of ACHT
Clinical Devices

**ATLAS
HEALTH
CARE
TECHNOLOGIES**



2008

Production of
Self-Developing
Dental X-Ray Films



2009

G-CERAM[®]
Production of G-Ceram
Porcelain Powder

2019

Production of G-Ceram
Glass Ceramic Blocks
and Zirconia Blocks for
CAD/CAM Systems

G-CERAM[®]
BLOCKS

2020

G-PLATES LC[®]

Production of
Light-Curing
Base plates

2021

Production of
Zinc Oxide
Eugenol Cement

G-ZNO

... a success story over **44** years!



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G-PLATES LC

Light Curing Baseplates

G-WAX

Dental Modelling Wax

GSMEDEX

Self Developing Dental X-Ray Films

G-ZNO

Zinc Oxide Eugenol Cement



CLINICAL DEVICES

AHCT TRAY

Light Curing Tray

AHCT MIX

Alginate Mixer

AHCT CAPSMIX-X

Capsule Mixer

G-CERAM®





G-CERAM MF
MAKCE Z
Aller-esta Di
2000 - 1000
1.000.000.000
1.000.000.000
1.000.000.000

G-CERAM MF
B2 DENTINE
ZEPHNE SAGDNY CLADY
HATA
HATA

G-CERAM MF
INCISAL
19-9
2

G-CERAM MF
A3 OPAQUE
1.000.000.000

G-CERAM MF
A3 INCISAL
1.000.000.000

G-CERAM MF
Natural Fluoride Release
Mint-Cinnamon
1.000.000.000

G-CERAM MF
A2 CHROMA DENTINE
1.000.000.000

G-CERAM MF
A00 DENTINE
1.000.000.000

G-CERAM MF
1.000.000.000

G-CERAM MF
1.000.000.000

G-CERAM MF
LOW GLAZE
1.000.000.000

PORCELAIN POWDER

G-CERAM[®]

Metal-Ceramic

MF

G-CERAM MF Metal-Ceramic is a natural feldspathic porcelain powder, which is used to make metal sub-structured porcelain crowns and bridges, porcelain veneer and dental inlays-onlays.

Thanks to its modelling ease of use, G-CERAM MF is a reliable ceramic powder for veneering, especially recommended for laboratories whose priority is rapidity and accuracy. Easy to use for the ceramist with a little experience but becomes extremely fine for the experienced technicians that recognizes its physical properties and aesthetic performances.

G-CERAM MF offers an immediate and accurate support in shade matching after each layering process with Opaque, Dentine and Incisal. In addition, high colour stability is ensured, even in the presence of varied thickness.

Further properties and performance characterize G-CERAM MF, as follows: minimum shrinkage, natural characterization for superior true-to-life aesthetic appearance in all light condition thanks to the higher degree of translucency and colour depth.

Offering a wide colour range, G-CERAM MF will meet all specific shade requirements.



SHOULDER

Used on aesthetic transition zone of labially to decrease metal copings

SHADE	20 g
BLEACH	PTSH20B
LIGHT	PTSH20L
MEDIUM-LIGHT	PTSH20ML
MEDIUM	PTSH20M
MEDIUM-DARK	PTSH20MD
DARK	PTSH20D

OPAQUE

For masking the metal framework and give a base shade

SHADE	50 g	120 g	200 g	500 g
A0	PTO50A0	PTD120A0	PTO200A0	PTO500A0
A1	PTO50A1	PTD120A1	PTO200A1	PTO500A1
A2	PTO50A2	PTD120A2	PTO200A2	PTO500A2
A3	PTO50A3	PTD120A3	PTO200A3	PTO500A3
A3.5	PTO50A3.5	PTD120A3.5	PTO200A3.5	PTO500A3.5
A4	PTO50A4	PTD120A4	PTO200A4	PTO500A4
B0	PTO50B0	PTD120B0	PTO200B0	PTO500B0
B1	PTO50B1	PTD120B1	PTO200B1	PTO500B1
B2	PTO50B2	PTD120B2	PTO200B2	PTO500B2
B3	PTO50B3	PTD120B3	PTO200B3	PTO500B3
B4	PTO50B4	PTD120B4	PTO200B4	PTO500B4
C1	PTO50C1	PTD120C1	PTO200C1	PTO500C1
C2	PTO50C2	PTD120C2	PTO200C2	PTO500C2
C3	PTO50C3	PTD120C3	PTO200C3	PTO500C3
C4	PTO50C4	PTD120C4	PTO200C4	PTO500C4
D2	PTO50D2	PTD120D2	PTO200D2	PTO500D2
D3	PTO50D3	PTD120D3	PTO200D3	PTO500D3
D4	PTO50D4	PTD120D4	PTO200D4	PTO500D4

BASE PASTE

For masking metal framework and increase the bonding effects

2 ml / 4 g	4 ml / 10 g
GMO900	GMO901

DENTINE

Main shade material to build up the ceramic restoration according to natural teeth

SHADE	50 g	120 g	200 g	500 g
A0	PTD50A0	PTD120A0	PTD200A0	PTD500A0
A1	PTD50A1	PTD120A1	PTD200A1	PTD500A1
A2	PTD50A2	PTD120A2	PTD200A2	PTD500A2
A3	PTD50A3	PTD120A3	PTD200A3	PTD500A3
A3.5	PTD50A3.5	PTD120A3.5	PTD200A3.5	PTD500A3.5
A4	PTD50A4	PTD120A4	PTD200A4	PTD500A4
B0	PTD50B0	PTD120B0	PTD200B0	PTD500B0
B1	PTD50B1	PTD120B1	PTD200B1	PTD500B1
B2	PTD50B2	PTD120B2	PTD200B2	PTD500B2
B3	PTD50B3	PTD120B3	PTD200B3	PTD500B3
B4	PTD50B4	PTD120B4	PTD200B4	PTD500B4
C1	PTD50C1	PTD120C1	PTD200C1	PTD500C1
C2	PTD50C2	PTD120C2	PTD200C2	PTD500C2
C3	PTD50C3	PTD120C3	PTD200C3	PTD500C3
C4	PTD50C4	PTD120C4	PTD200C4	PTD500C4
D2	PTD50D2	PTD120D2	PTD200D2	PTD500D2
D3	PTD50D3	PTD120D3	PTD200D3	PTD500D3
D4	PTD50D4	PTD120D4	PTD200D4	PTD500D4

OPAQUE DENTINE

To be used in the cervical areas to avoid loss in color of the pontics

SHADE	20 g	50 g
A0	PTOD20A0	PTOD50A0
A1	PTOD20A1	PTOD50A1
A2	PTOD20A2	PTOD50A2
A3	PTOD20A3	PTOD50A3
A3.5	PTOD20A3.5	PTOD50A3.5
A4	PTOD20A4	PTOD50A4
B0	PTOD20B0	PTOD50B0
B1	PTOD20B1	PTOD50B1
B2	PTOD20B2	PTOD50B2
B3	PTOD20B3	PTOD50B3
B4	PTOD20B4	PTOD50B4
C1	PTOD20C1	PTOD50C1
C2	PTOD20C2	PTOD50C2
C3	PTOD20C3	PTOD50C3
C4	PTOD20C4	PTOD50C4
D2	PTOD20D2	PTOD50D2
D3	PTOD20D3	PTOD50D3
D4	PTOD20D4	PTOD50D4

CHROMA DENTINE

Increase the chroma effect of dentine in the upper half of the crown

SHADE	20 g	50 g
A0	PTC20A0	PTC50A0
A1	PTC20A1	PTC50A1
A2	PTC20A2	PTC50A2
A3	PTC20A3	PTC50A3
A3.5	PTC20A3.5	PTC50A3.5
A4	PTC20A4	PTC50A4
B0	PTC20B0	PTC50B0
B1	PTC20B1	PTC50B1
B2	PTC20B2	PTC50B2
B3	PTC20B3	PTC50B3
B4	PTC20B4	PTC50B4
C1	PTC20C1	PTC50C1
C2	PTC20C2	PTC50C2
C3	PTC20C3	PTC50C3
C4	PTC20C4	PTC50C4
D2	PTC20D2	PTC50D2
D3	PTC20D3	PTC50D3
D4	PTC20D4	PTC50D4

HIGH GLAZE

For polishing surface of restoration

50 g	120 g
PTGL50	PTGL120
200 g	500 g
PTGL200	PTGL500

GUM SHADE

Gum materials for aesthetic appearance

SHADE	50 g	120 g	200 g
LIGHT	PTGS50L	PTGS120L	PTGS200L
MEDIUM	PTGS50M	PTGS120M	PTGS200M
DARK	PTGS50D	PTGS120D	PTGS200D

OPAQUE LIQUID

Used to mix all opaque materials

50 ml
PL050

DENTINE/MODELLING LIQUID

Used to mix all dentine, incisal and additional materials

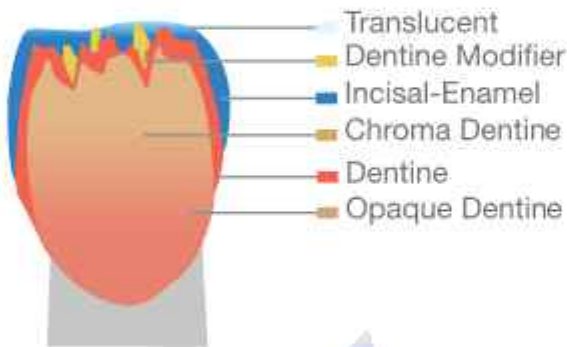
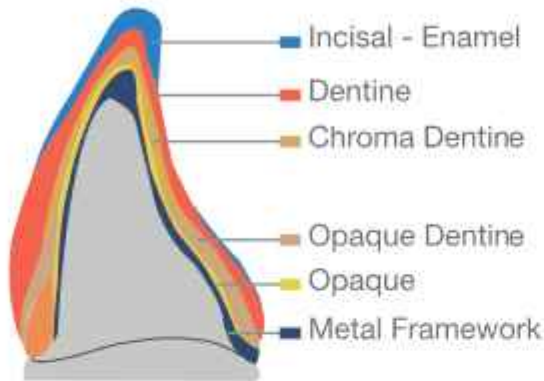
250 ml
PLD250

GLAZE & STAIN LIQUID

Used to mix all glaze & stain powders

50 ml
PLG50

Recommended Layering:



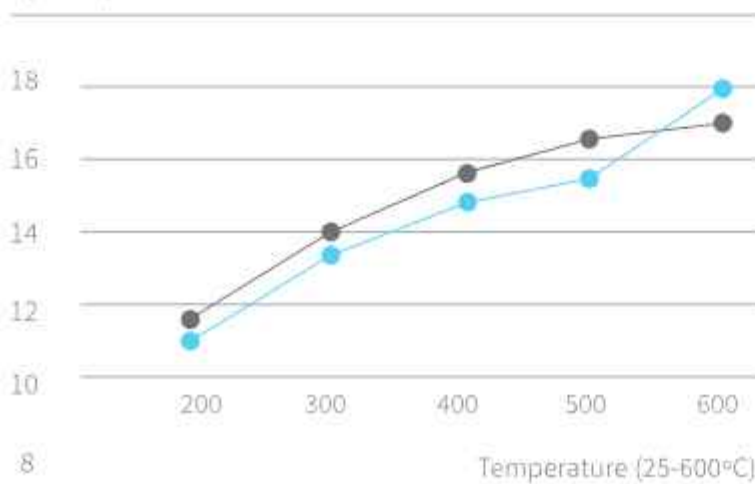
Physical and Chemical Properties			Value
Coefficient of Thermal Expansion (CTE) (25-200°C)	OPAQUE	(10 ⁻⁶ /K)	13.1-13.6
Temperature of Glass Transition (T _G)	OPAQUE	°C	
Softening Point (T _S)	OPAQUE	°C	660 - 675
Particle Size Distribution	OPAQUE	µm	<84
Coefficient of Thermal Expansion (CTE)(25-500°C)	DENTINE	(10 ⁻⁶ /K)	12.6 - 13.0
Temperature of Glass Transition (T _G)	DENTINE	°C	557 - 570
Softening Point (T _S)	DENTINE	°C	655 - 665
Chemical Solubility	DENTINE	µg/cm ³	<50
3-point Flexural Strength	DENTINE	Mpa	>90
Particle Size Distribution	DENTINE	µm	<76
Bonding Strength		Mpa	>50
Physical and Chemical Properties			Value
Chemical Solubility			< 100 µg/cm ³
3-point Flexural Strength			>30 Mpa
Bonding Strength			>35 Mpa

★ Required physical and chemical properties EN ISO 6872 standard.

CTE Assessments

Coefficient of Thermal Expansion

(x10⁻⁶)



In general most of the alloys for ceramic fused to metal restorations are compatible with G-CERAM MF Metal-Ceramic porcelains.

However, every alloy reacts differently with respect to their coefficient of thermal expansion.

- METAL STRUCTURE
- G-CERAM MF

INCISAL

Last layer of build up the ceramic restoration according to natural teeth

SHADE	50 g	120 g	200 g	500 g
11	PT5011	PT112011	PT20011	PT50011
12	PT5012	PT112012	PT20012	PT50012
13	PT5013	PT112013	PT20013	PT50013
14	PT5014	PT112014	PT20014	PT50014
15	PT5015	PT112015	PT20015	PT50015
16	PT5016	PT112016	PT20016	PT50016
TRANSPARENT	PT50T	PT1120T	PT200T	PT500T

OPAQUE MODIFIER

For coloring the inside to obtain effects of depth
Creating special characterization

SHADE	20 g
WHITE	PTOM20W
PINK	PTOM20P
YELLOW	PTOM20Y
ORANGE	PTOM20O
GRAY	PTOM20G
OCHER	PTOM20OC
BROWN	PTOM20BR

DENTINE MODIFIER

For preparing mamelons and creating special characterization
For coloring the inside to obtain effects of depth
Used for intensifying the dentin shade

SHADE	20 g
WHITE	PTD20MODW
PINK	PTD20MODP
YELLOW	PTD20MODY
VIOLET	PTD20MODV
ORANGE	PTD20MODO
BLUE	PTD20MODB
GRAY	PTD20MODG
OCHER	PTD20MODOC
BROWN	PTD20MODBR

STAIN

Used to provide the same optical characteristics image as natural teeth
Used for restoration make up alone or mixed with one another

SHADE	3 g
WHITE	PT33 W
PINK	PT33 P
YELLOW	PT33 Y
VIOLET	PT33 V
ORANGE	PT33 O
BLUE	PT33 B
GRAY	PT33 GR
OCHER	PT33 OC
BROWN	PT33 BR
GREEN	PT33 G
BLACK	PT33 BL

INCISAL MODIFIER

For different characterization and individualization
Provide different colors of translucency effects

SHADE	20 g
WHITE	PT20MODW
PINK	PT20MODP
YELLOW	PT20MODY
VIOLET	PT20MODV
ORANGE	PT20MODO
BLUE	PT20MODB
GRAY	PT20MODG
OCHER	PT20MODOC
BROWN	PT20MODBR

G-CERAM® MF
Metal-Ceramic



Metallic Framework prepared for ceramic applications



First opaque coat: layering and firing



Fired first opaque



Second opaque coat: layering and firing



Fired second opaque



1st Dentine



Dentine Modifier



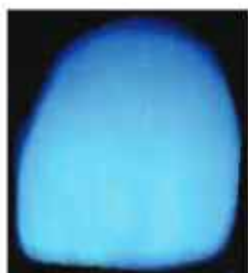
Incisal



2nd Dentine



Application of Glaze and Stain



Fluorescence

G-CERAM[®]

Metal-Ceramic

MF

PORCELAIN POWDER

G-CERAM[®]

Zirconia-Ceramic

ZF

G-CERAM ZF is a natural feldspathic porcelain powder, which is used to make zirconium oxide (ZrO₂) and sub-structured porcelain crowns and bridges, porcelain veneer.

Thanks to its modelling ease of use, G-CERAM ZF is a reliable ceramic powder for veneering, especially recommended for laboratories whose priority is rapidity and accuracy.

Easy to use for the ceramist with a little experience but becomes extremely fine for the experienced technicians that recognizes its physical properties and aesthetic performances.

G-CERAM ZF offers an immediate and accurate support in shade matching after each layering process with Base Dentine, Dentine and Incisal. In addition, high colour stability is ensured, even in the presence of varied thickness.

Further properties and performance characterize G-CERAM ZF, as follows: minimum shrinkage, natural characterization for superior true-to-life aesthetic appearance in all light condition thanks to the higher degree of translucency and colour depth.

Offering a wide colour range, G-CERAM ZF will meet all specific shade requirements.



BASE DENTINE

Increase the opacity effect of dentine.

Main shade material to build up the ceramic restoration

SHADE	20 g	50 g
A0	PTZBD20A0	PTZBD50A0
A1	PTZBD20A1	PTZBD50A1
A2	PTZBD20A2	PTZBD50A2
A3	PTZBD20A3	PTZBD50A3
A3.5	PTZBD20A3.5	PTZBD50A3.5
A4	PTZBD20A4	PTZBD50A4
B0	PTZBD20B0	PTZBD50B0
B1	PTZBD20B1	PTZBD50B1
B2	PTZBD20B2	PTZBD50B2

SHADE	20 g	50 g
B3	PTZBD20B3	PTZBD50B3
B4	PTZBD20B4	PTZBD50B4
C1	PTZBD20C1	PTZBD50C1
C2	PTZBD20C2	PTZBD50C2
C3	PTZBD20C3	PTZBD50C3
C4	PTZBD20C4	PTZBD50C4
D2	PTZBD20D2	PTZBD50D2
D3	PTZBD20D3	PTZBD50D3
D4	PTZBD20D4	PTZBD50D4

INCISAL

Last layer of build up the ceramic restoration according to natural teeth

SHADE	20 g	50 g
I1	PTZI20I1	PTZI50I1
I2	PTZI20I2	PTZI50I2
I3	PTZI20I3	PTZI50I3
I4	PTZI20I4	PTZI50I4
I5	PTZI20I5	PTZI50I5
I6	PTZI20I6	PTZI50I6
TRANSPARENT	PTIZT20	PTIZT50

SHOULDER

Used for optimizing the marginal areas of zirconia copings.

SHADE	15 g
BLEACH	PTZS15B
LIGHT	PTZS15L
MEDIUM-LIGHT	PTZS15LM
MEDIUM	PTZS15M
MEDIUM-DARK	PTZS15MD
DARK	PTZS15D

DENTINE




Used to increase the chroma effect of dentine.

Main shade material to build up the ceramic restoration according to natural teeth

SHADE	20 g	50 g
A0	PTZD20A0	PTZD50A0
A1	PTZD20A1	PTZD50A1
A2	PTZD20A2	PTZD50A2
A3	PTZD20A3	PTZD50A3
A3.5	PTZD20A3.5	PTZD50A3.5
A4	PTZD20A4	PTZD50A4
B0	PTZD20B0	PTZD50B0
B1	PTZD20B1	PTZD50B1
B2	PTZD20B2	PTZD50B2
B3	PTZD20B3	PTZD50B3
B4	PTZD20B4	PTZD50B4
C1	PTZD20C1	PTZD50C1
C2	PTZD20C2	PTZD50C2
C3	PTZD20C3	PTZD50C3
C4	PTZD20C4	PTZD50C4
D2	PTZD20D2	PTZD50D2
D3	PTZD20D3	PTZD50D3
D4	PTZD20D4	PTZD50D4

GUM SHADE

Gum materials for aesthetic appearance











SHADE		15 g	50 g
	LIGHT	PTZGS15L	PTZGL50
	MEDIUM	PTZGS15M	PTZGM50
	DARK	PTZGS15D	PTZGD50

DENTINE MODIFIER

Used for preparing mamelons and creating special characterization

Used for coloring the inside to obtain effects of depth

Used for optimizing intensive dentine shade

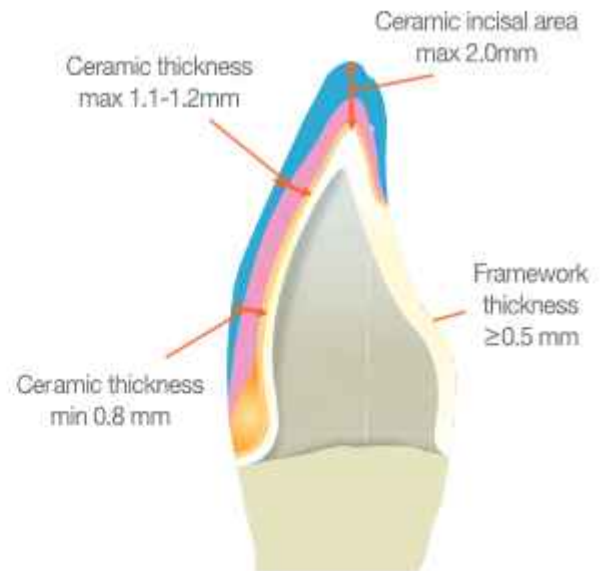
SHADE		15 g
	WHITE	PTZD15MODW
	PINK	PTZD15MODP
	YELLOW	PTZD15MODY
	VIOLET	PTZD15MODV
	ORANGE	PTZD15MODO
	BLUE	PTZD15MODB
	GRAY	PTZD15MODG
	OCHER	PTZD15MODOC
	BROWN	PTZD15MODBR
	BLACK	PTZD15MODBL

STAIN

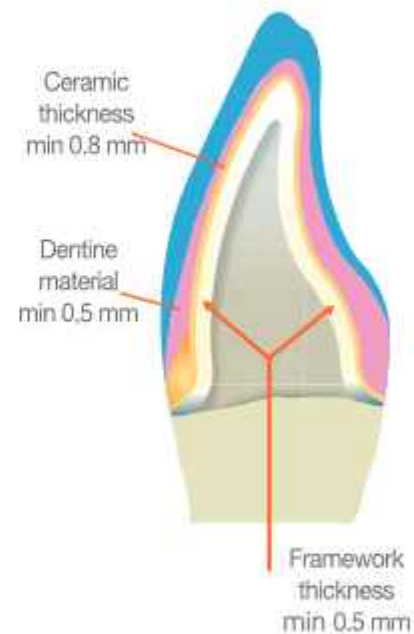
Used to provide the same characteristic image as natural teeth

Used for restoration make up alone or mixed with one another

SHADE		3 g
	WHITE	PTZS3W
	PINK	PTZS3P
	YELLOW	PTZS3Y
	VIOLET	PTZS3V
	ORANGE	PTZS3OR
	BLUE	PTZS3BL
	GRAY	PTZS3G
	OCHER	PTZS3OC
	BROWN	PTZS3BR
	GREEN	PTZS3GR
	BLACK	PTZS3B



Framework and ceramic layer thicknesses for aesthetic restorations

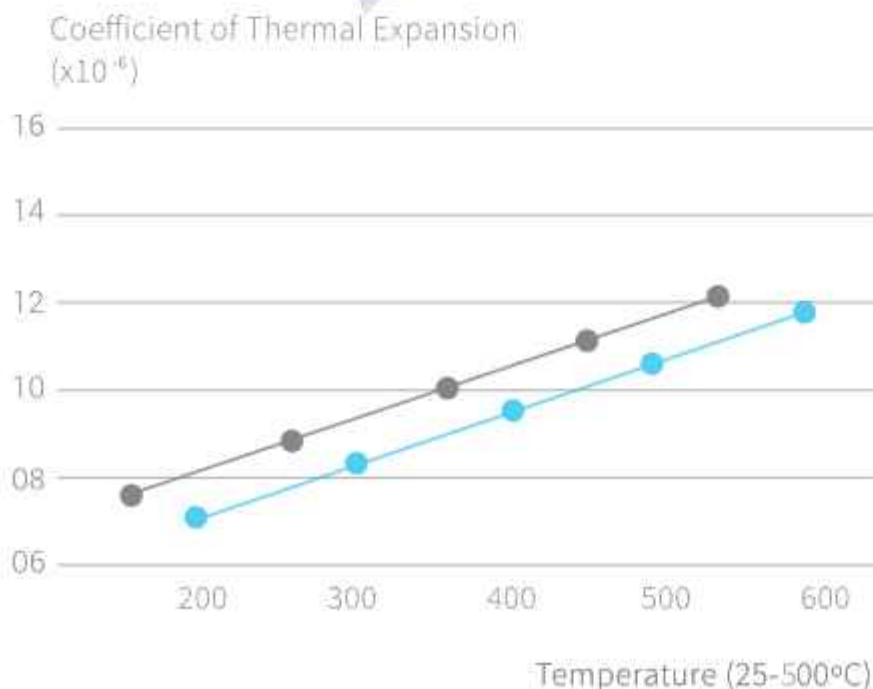


Physical and Chemical Properties			Value
Coefficient of Thermal Expansion (CTE)(25-500°C)	DENTINE	(10 ⁻⁶ .K ⁻¹)	9,0-9,5
Temperature of Glass Transition (TG)	DENTINE	°C	503
Softening Point (TS)	DENTINE	°C	660
Chemical Solubility	DENTINE	µg/cm ²	<50
3-point Flexural Strength	DENTINE	Mpa	>90
Particule Size Distribution	DENTINE	µm	approx. 23
Bonding Strength	DENTINE	Mpa	>50

Physical and Chemical Properties		Value
Chemical Solubility		< 100 µg/cm ²
3-point Flexural Strength		>50 Mpa
Bonding Strength		>25 Mpa

★ Required physical and chemical properties EN ISO 6872 standard.

CTE Assessments



In general, most of the lithium disilicate (LS¹) and zirconium oxide (ZrO₂) used for ceramic fused to restorations are compatible with G-CERAM ZF Zirconia-Ceramic porcelains. We suggest that you utilize the framework material recommended for the product with a CTE in the range of 10.5 -11.0 x10⁻⁶.K⁻¹ measured in the range of 25-500°C.

- ZIRCONIA STRUCTURE
- G-CERAM ZF

GLAZE

For polishing the surface of the restoration










20 g **50 g** **500 g**

PTZLG20 PTZLG50 PTZLG500

INCISAL MODIFIER

For different characterization and individualization
Provide different colors of translucency effects

SHADE **15 g**

	WHITE	PTZ15MODW
	PINK	PTZ15MODP
	YELLOW	PTZ15MODY
	VIOLET	PTZ15MODV
	ORANGE	PTZ15MODO
	BLUE	PTZ15MODB
	GRAY	PTZ15MODG
	OCHER	PTZ15MODOC
	BROWN	PTZ15MODBR

GLAZE & STAIN LIQUID

Used to mix all glaze & stain powders

50 ml

PLG50

DENTINE/MODELLING LIQUID

Used to mix all dentine, incisal and additional materials

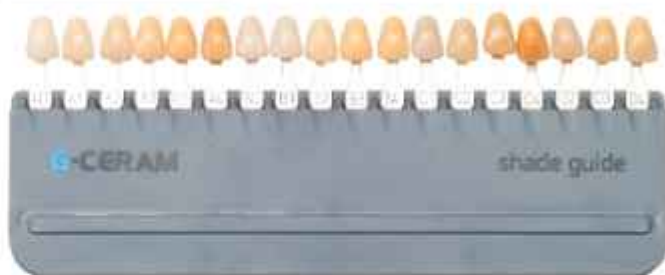
250 ml

PLD250

SHADE GUIDE

With 18 shade sticks (A1-D4 including A0 and B0)

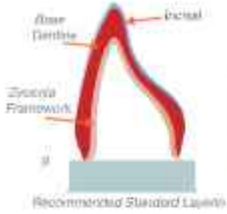
S223



G-CERAM® ZF
Zirconia-Ceramic



STANDARD LAYERING METHOD



Wash Dentine

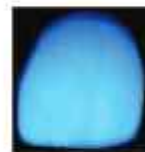
Base Dentine

Dentine Modifier



Incisal

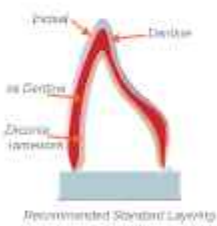
2nd Dentine



Application of Glaze and Stain

Fluorescence

MULTI LAYERING METHOD



Wash Dentine

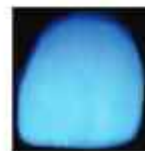
Base Dentine

Dentine Modifier



Incisal

2nd Dentine



Application of Glaze and Stain

Fluorescence

ENTA PORCELAIN TEETH

-  A0 and B0 colours are available in addition to all Vita Classic colors.
-  All molds are shown in real size.
-  Dimensions are given in millimetres.
-  All Unilux forms are available in acrylic as well.
-  In addition, all Unilux and Real forms are available for full set of 28 teeth in combination with anterior porcelain and posteriors acrylic.

COMBINATION TABLE

UNILUX			REAL		
ANTERIOR UPPER	ANTERIOR LOWER	POSTERIOR	ANTERIOR UPPER	ANTERIOR LOWER	POSTERIOR
M39C	M39	M39	111	15	G
S42C	S42	S42	112	21	H
L42C	L42	L42	113	31	B4
M45C	M45	M45	115	31	F4
S48C	S48	S48	135	20	O
M51C	M48	M48	141	20	G
L48C	M48	M48	153	30	B4
M42C	M42	M42	155	20	E3
M42C	M42	M42	140	20	G
			191	10	G
			215	30	B4
			243	30	F
			250	10	O
			201	31	H
			311	31	T
			200	21	F
			N2	21	H
			35	40	E3
			245	21	H/T
			202	60	T/H
			145	31	O

REF

- AE020 REAL Porcelain (Set of 28)
- AE022 REAL Porcelain (Set of 6)
- AE023 REAL Porcelain (Set of 8)
- AE111 Porcelain Teeth Shade Guide



PORCELAIN TEETH



anterior upper
upper anterior teeth
5 form

central
L1

central
W1

set
W2

anterior upper
upper anterior teeth
27 form

central
L1

central
W1

set
W2

Model	Central (L1)	Central (W1)	Set (W2)
S10	9,50	7,40	41,80
S20	11,20	8,30	46,10
S30	11,40	8,80	46,70
S40	11,70	9,00	48,10
S50	12,90	9,10	50,10

Model	Central (L1)	Central (W1)	Set (W2)
M42CS	10,00	8,00	42,00
253	8,90	7,80	43,00
202	9,80	8,50	43,50
313	9,90	8,40	45,90
313	9,90	8,40	45,90
152	9,40	7,40	41,50
263	9,90	7,40	43,00
153	10,30	8,20	44,50
M45C	9,40	8,20	45,20
125	10,00	8,40	47,00
155	10,90	8,80	47,00

anterior lower
lower anterior teeth
3 form

central
C1

central
C1

set
5o2

Model	Central (C1)	Central (C1)	Set (5o2)
S2	8,70	5,30	36,00
S4	8,70	5,30	37,00
S6	9,50	6,00	39,50





1947



2004



enta

REAL
Porcelain teeth

anterior upper

	central L1	central W1	central W2
M4BC	16,20	8,70	68,20
M3BC	8,90	7,20	39,2
M42C	9,15	7,70	42,20
N2	8,40	7,90	43,00
N2	9,60	7,90	43,00
215	10,40	8,10	43,00
193	8,90	7,90	43,50
M44FS	9,70	8,60	44,00
L46CS	10,80	8,50	46,00
195	9,50	8,40	47,00
143	9,20	7,80	42,00

anterior upper

	central L1	central W1	central W2
113	9,50	8,30	43,50
M45FA	11,00	8,70	45,40
115	9,90	8,70	46,00
125	9,70	8,80	46,50
135			
lower anterior teeth 15 form	central L1	central B1	central B2
M39	8,30	4,90	30,00
2C	7,50	4,80	31,50
21	8,20	4,80	33,00
S42	7,70	5,00	33,00
M41	8,70	5,00	33,00



enta

REAL
Porcelain teeth





Gold Pins

Our ceramic teeth are hand-crafted with meticulous care to every stage of the production process.

The retention pins are made from precious-metal alloys containing over 60% noble metals as silver, palladium and platinum.

To increase its corrosion resistance, our pins are coated with a thick layer of pure palladium and gold.

100% biocompatible

(certified biocompatibility and cytotoxicity)



G-CERAM[®] BLOCKS

Zirconia Disc

G-CERAM® BLOCKS

Zirconia Disc

PRODUCT TYPE	White HT (High Translucency)	Pre – Shaded ST (Super Translucency)	Multilayer SHT (Super High Translucency)
Disc form	Ø 98.4 mm	Ø 98.4 mm	Ø 98.4 mm
Heights	12-14-16-18-20-22-25 mm	12-14-16-18-20-22-25 mm	14-16-18-20-22-25 mm
Yttrium (Y ₂ O ₃)	4,5 – 5,5%	4,5 – 5,5%	8,0 – 10,0%
Flexural strength	1200±150 MPa	1200±150 MPa	1100±150 MPa
Translucency	41%	43%	43% to 49%
CTE	10,4±0,5x10-6/K	10,4±0,5x10-6/K	10,4±0,5x10-6/K
Sintered density	≥6,0 g/ cm3	≥6,0 g/ cm3	≥6,0 g/ cm3
Shade	White	Pre-shaded 16 classic VITA tooth shades A1-D4 and B00, B0, A00, A0 Bleach shades	Multilayer 16 classic VITA tooth shades A1-D4 and B00, B0, A00, A0 Bleach shades

High Translucency



Super Translucency



Super High Translucency



White HT (High Translucency)

- Frameworks (crowns & bridges)
- Custom abutments on Ti bases
- Multi-unit screw-retained restorations on Ti bases
- Support structures for fixed or removable restorations

Pre – Shaded ST (Super Translucency)

- Cutbacks
- Frameworks (crowns & 4 bridges)
- Monolithic (crowns & bridges)
- Multi-unit screw-retained restorations on Ti bases
- Support structures for fixed or removable restorations

Multilayer SHT (Super High Translucency)

- Cutbacks
- Veneers, Inlays, Onlays
- Monolithic crowns & bridges (max.6 unit)
- Frameworks for crowns & bridges (max.6 unit)

G-CERAM® BLOCKS

Glass Ceramic Blocks for CAD/CAM Systems



G-CERAM® BLOCKS

Glass Ceramic Blocks for CAD/CAM Systems

G-Ceram Blocks are feldspathic monochromatic glass ceramic blanks used to produce inlays, onlays, crown and veneers with CAD/CAM systems.

G-Ceram Glass-Ceramic Blocks are formed as a result of a controlled crystallization in the glass phase as a result of various thermal processes applied. G-Ceram Blocks have high strength by homogenous expansion of leucite crystals that are nucleated in glass phase through gradual heat treatment applications.



G-CERAM® BLOCKS

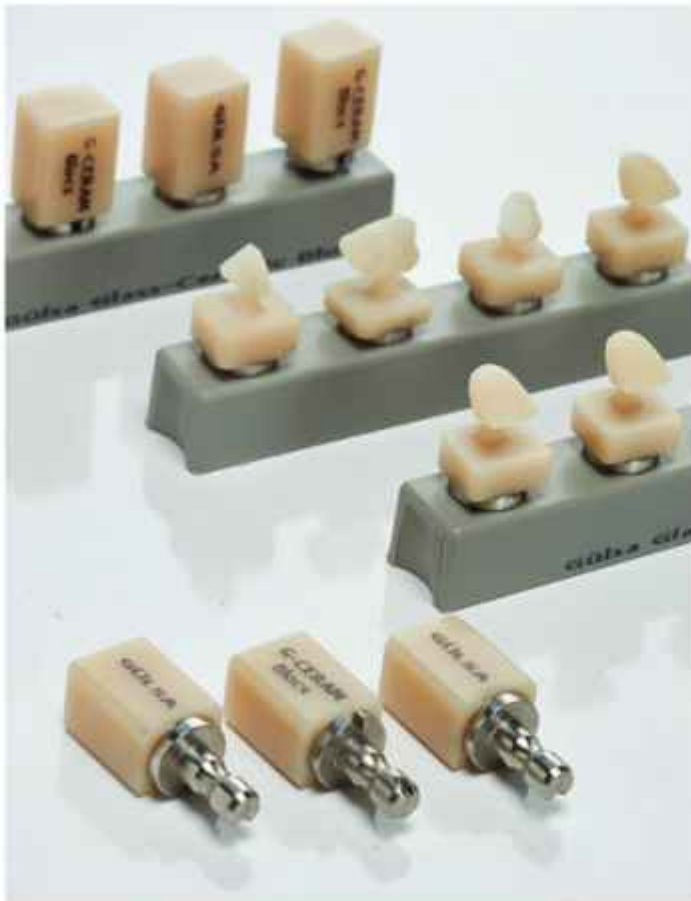
Glass Ceramic Block for CAD/CAM Systems

Specifications

Density	: 2,4 g/cm ³
Hardness	: 675 HV1
Biaxial	: 120±15 MPa
Thermal Expansion Coefficient (23-500°C)	: 13±0,5 10 ⁻⁶ /oC
Glass Transition Temperature	: 580±20 oC
Opacity	: %75-80
Pulse Echo Method	: 58±0,5 GPa
Chemical Solubility	: <100 µg/cm ²



Source: Dt. Canan Doğdu



MODEL	SIZE	SHADE	MODEL	SIZE	SHADE
GB8A1	8 x 8 x 15 mm	A1	GB10A1	8 x 10 x 15 mm	A1
GB8A2	8 x 8 x 15 mm	A2	GB10A2	8 x 10 x 15 mm	A2
GB8A3	8 x 8 x 15 mm	A3	GB10A3	8 x 10 x 15 mm	A3
GB8A3,5	8 x 8 x 15 mm	A3,5	GB10A3,5	8 x 10 x 15 mm	A3,5
GB8A4	8 x 8 x 15 mm	A4	GB10A4	8 x 10 x 15 mm	A4
GB8B0	8 x 8 x 15 mm	B0	GB10B0	8 x 10 x 15 mm	B0
GB8B1	8 x 8 x 15 mm	B1	GB10B1	8 x 10 x 15 mm	B1
GB8B4	8 x 8 x 15 mm	B4	GB10B4	8 x 10 x 15 mm	B4
GB8C1	8 x 8 x 15 mm	C1	GB10C1	8 x 10 x 15 mm	C1
GB8C2	8 x 8 x 15 mm	C2	GB10C2	8 x 10 x 15 mm	C2
MODEL	SIZE	SHADE	MODEL	SIZE	SHADE
GB12A1	10 x 12 x 15 mm	A1	GB14A1	12 x 14 x 18 mm	A1
GB12A2	10 x 12 x 15 mm	A2	GB14A2	12 x 14 x 18 mm	A2
GB12A3	10 x 12 x 15 mm	A3	GB14A3	12 x 14 x 18 mm	A3
GB12A3,5	10 x 12 x 15 mm	A3,5	GB14A3,5	12 x 14 x 18 mm	A3,5
GB12A4	10 x 12 x 15 mm	A4	GB14A4	12 x 14 x 18 mm	A4
GB12B0	10 x 12 x 15 mm	B0	GB14B0	12 x 14 x 18 mm	B0
GB12B1	10 x 12 x 15 mm	B1	GB14B1	12 x 14 x 18 mm	B1
GB12B4	10 x 12 x 15 mm	B4	GB14B4	12 x 14 x 18 mm	B4
GB12C1	10 x 12 x 15 mm	C1	GB14C1	12 x 14 x 18 mm	C1
GB12C2	10 x 12 x 15 mm	C2	GB14C2	12 x 14 x 18 mm	C2

G-PLATES LC[®]

Light Curing Baseplates

Light Curing Baseplates

Indications

Light-curing Baseplates for making individual customised impression trays and functional trays. Can be used chairside to make accurate bases for bite registration and wax try-ins. Each box contains 50 plates

Performances

High dimensional stability with very low shrinkage
Soft consistency, excellent malleability and adaptation to model
Long shelf-life and storability

Technical Features

Shade	: Pink
Model	: Upper jaw shape
Plate thickness	: 2,2 mm
Daylight stability	: Min. 20 min.
Light-cured	: With standard halogen light or 300-480 nm UV lights
Polymerisation time	: Approx. 3 to 5 min.
Packaging	: Lightproof plastic storage box
Shelf-life	: 3 years
Product Code	: GLP50

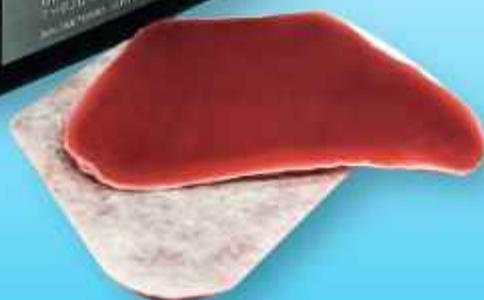
AHCT Tray

Indications

AHCT Tray is a multi-purpose UV light-curing furnace. Digitally controlled with high performance of polymerisation. Ideally suited to light-cure resin-based and photosensitive materials.

Technical Features

Supply Voltage & Frequency: AC 230V – 50/60Hz
Power Consumption: <20 Watt
Overall Dimensionst: 125x264x100H mm
Weight: 2,85 Kg
Curing Time: from 0,1 minute to 9,9 minutes
FML Lamp-Blue: 18W/0,34A – UV radiation between 350-400 nm
Lamp Shelf-Life: about 2.000 hours



G-WAX®

G-WAX DENTAL MODELING WAX PRODUCT DESCRIPTION



G-WAX®

G-WAX®

G-WAX DENTAL MODELING WAX PRODUCT DESCRIPTION

G-Wax Dental Modeling Wax has high temperature stability and offers a more accurate try and less risk of distortion in the mouth. Sheets of Modeling Wax are used by the technician to create the preliminary denture base base that the dentist will try on in the patient's mouth.

Color: Pink

Sheet size: approx. 18.4 x 9.3 x 1.5 mm

Initial softening temperature: 41°C – 45°C

Package weight: 500g

High temperature stability

Teeth can be easily positioned and held correctly during placement

Easy to operate

Does not leave residue on ceramic or polymer teeth

Shows a smooth, shiny surface after slight flaring

Easily softens and carves without chipping or flaking

No unpleasant odor or taste

Does not stick to fingers

Easily and cleanly editable

Does not cause irritation in the mouth

It is an ideal Modeling Wax for quality work

G-WAX®

SD-SPEEDX

Instant dental x-ray film





developing time
30-45"

Ultimate Speedx

The instant processing has become a standard in the conventional dental radiography. Speedx films ensure that images are readily available daylight allowing professionals to streamline processes. The monobath single-step solution for rapid developing and fixing is our excellence with outstanding performances. Speedx is a great solution for intraoral imaging needs.

SD-SPEEDX



G-ZNO[®] ZINC OXIDE

Zinc Oxide Eugenol Cement

G-ZNO Zinc Oxide-Eugenol Cement is recommended to be used as a temporary filling material and as a primer filler under a permanent cement material. It is offered in powder and liquid form.

Powder and liquid are mixed to a fairly firm consistency that can be easily filled into a cavity as a temporary filling or lining material. When used as a temporary filling material, it is strong enough to withstand masticatory forces for a limited time. However, it can be easily removed before applying the final filling material.

G-ZNO Zinc Oxide-Eugenol Cement belongs to the filler group with the most appropriate biological properties. pH 7-8. For this reason, it can be used safely as a primer filler and heat insulator for flake protection in deep cavities. The setting time in the mouth is approximately 2 minutes.







**CLINICAL
DEVICES**



AHCT TRAY

Light Curing Tray

AHCT Tray is a multi-purpose UV light-curing furnace.

Digitally controlled with high performance of polymerisation.
Ideally suited to light-cure resin-based and photosensitive materials.

Supply Voltage & Frequency: AC 230V - 50/60Hz

Power Consumption: <20 Watt

Overall Dimensionst: 125x264x100H mm

Weight: 2,85 Kg

Curing Time: from 0,1 minute to 9,9 minutes

FML Lamp-Blue: 18W/0,34A - UV radiation
between 350-400 nm

Lamp Shelf-Life: about 2.000 hours



REF
ABT0030



AHCT MIX

Alginate Mixer



REF
1161

AHCT Alginate mixer is a fully automated dental impression alginate mixer.

Digitally controlled with pre-programmed timing modes, this device adopts technical solutions which ensure high quality levels of mixing. The alginate is mixed quickly and continuously with a perfect viscosity for a bubble-free impressions. Includes spatula, stirrer stick, water dosing bottle and mixing cup.

Supply Voltage & Frequency: AC 230V - 50/60Hz
Operating Power: 400W
Overall Dimensions: 205x245x290H mm
Weight: 17,00 Kg
Working Conditions: 5°C up to 40°C
Mixing Time: can be adjusted from 1 up to 16 sec.
Number of Programs: 30 pre-set memories
Speed: 3600 rpm



AHCT CAPSMIX-X

Capsule Mixer

CAPSMIX-X is a user friendly amalgam-capsule mixer.

Digitally controlled with both manual and pre-programmed timing modes. The mixing speed at 4400 rpm provides fast and homogeneous mixing. The capsule can easily be installed and removed from its holder.

Supply Voltage & Frequency: AC 230V - 50/60Hz
Operating Power: 100W
Overall Dimensions: 220x230x180H mm
Weight: 4,00 Kg
Working Conditions: 5°C up to 40°C
Mixing Time: can be adjusted from 1 up to 99 sec.
Number of Programs: 9 pre-set memories
Speed: 4400 rpm



REF
1165

Brazil
Ecuador
Colombia

Albania
Armenia
Bulgaria
Greece
Ukraine
Netherlands
Poland
Romania
Russia

Egypt
Tunisia
Nigeria
Somali
Algeria
Morocco
Sudan

Azerbaijan
Iran
Iraq
Jordan
Lebanon
Palestine
Saudi Arabia
Syria
Türkiye
Cyprus
Yemen

Bangladesh
India
Kazakhstan
Kyrgyzstan
Malaysia
Pakistan
Philippines
Tajikistan
Uzbekistan
Vietnam



40 countries


REGULATORY COMPLIANCE SERVICES

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Atlas-Enta Disçilik San Ve Ticaret A.S is certified according to the Medical Device Directives 93/42/EEC and subsequent amendments. In addition, all devices bears the CE Marking in accordance to the classification rules. The requirements for the biocompatibility are based on ISO 10993-1.

We support our Partners and Customers in all aspects of regulatory affairs related to medical devices and provide what is needed to succeed with our Brands. Our Customer Service will supply you with regulatory documents as quality certificates, declaration of conformity, safety data sheets, technical data sheets.

Notes

The background of the page is a complex, abstract geometric pattern composed of numerous thin, orange lines. These lines intersect to form a variety of irregular polygons and shapes, creating a dense, web-like structure. The lines vary in thickness and orientation, contributing to a dynamic and textured appearance. The overall effect is that of a modern, minimalist design.

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gulsa
your success, our inspiration.

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