

The new standard in digital dentistry

MATERIAL LIST

META / DENTAL®

MATERIAL LIST

PRECIOUS ALLOYS

D-SIGN 98	IVOCLAR	Au85.9%,Pt12.1%Zn1.5%In<1.0%,Ir<1.0%
Lodestar	IVOCLAR	Au51.5%, Pd38.5%,In8.5%, Ga1.5%, Ru <1.0%, Re <1.0%
Evolution Lite	IVOCLAR	Au40.3%,Pd39.3%,Ag9.2%,In9.3%, Ga1.8%,Ru<1.0%
MiniGold	IVOCLAR	Au40.0%, Pd4.0%,Ag47.0%, Cu7.5%, Zn1.0%, In<1.0%,Ir<1.0%
Harmony Hard	IVOCLAR	Au74.0%,Pd3.8%,Ag12.0%,Cu9.0%,Zn<1.0%, In<1.0%, Ir<1.0%
Spartan plus	IVOCLAR	Au2.0, Pd78.8, Cu10.0, Ga9.0, Ir<1.0, Ge<1.0, Li<1.0

NON PRECIOUS ALLOYS

Eisenbacher NEM	Eisenbacher	Co61.65%, Cr27.75%, W8.45%, Si1.61%, Mn0.25%, Fe0.2, thers<0.1%
Titanium Gialloy blank	Tds Inc.	Ti 90.04%, Al5.94%, V4.0%,Fe0.02%,O 0%

CAST CHROME
PARTIAL ALLOYS

Bego Wironit		Co 63%,Cr 30%,Mo 5%,Si 1.1%,Mn,C
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SOLDER

HIGH FUSING WHITE
CERAMIC SOLDER

IVOCLAR

Au45.0%,Pd12.4%,Ag41.5%, In1.0%,
Li<1.0%,Ru<1.0%

SPECIAL HIGH FUSING
WHITE CERAMIC

Solder

IVOCLAR

Au47.0%, Pd10.3%,Ag41.0%, B<1.0%,
In1.4%, Ru<1.0%, Other<1.0%

Universal solder 1015W

IVOCLAR

Au18.5%, Pd5.99%, Ag72.5%, In3.0%, Ir<1.0%

Universal solder PKF

IVOCLAR

Au48.8%, Ag40.5%, Zn7.3%, Pt2.8%,
Other<1.0%

CERAMIC POWDERS

IPSClassic

IVOCLAR

SiO₂ 40~65wt.%, Al₂O₃,B₂O₃, BaO, CaO, CeO₂,
K₂O,MgO, Na₂O, P₂O₅, SnO₂, TiO₂, ZrO₂
and pigments

IPSE-max Ceram

IVOCLAR

Co61.65%, Cr27.75%, W8.45%, Si1.61%,
Mn0.25%, Fe0.2, thers<0.1%

IPSE-max press ing.

IVOCLAR

SiO₂,Li₂O,K₂O,MgO,ZnO,Al₂O₃,P₂O₅

E-max ceram gingiva

IVOCLAR

SiO₂,Al₂O₃,ZnO₂,Na₂O,K₂O,ZrO, CaO,P₂O₅,
fluoride, pigments

IPSinline gingiva

IVOCLAR

SIO₂40-65%,AL₂O₃,B₂O₃, BaO, CaO, CeO₂,
K₂O,MgO,Na₂O, P₂O₅, SnO₂,TiO₂, ZrO₂

CERAMIC POWDERS

IPSinline glaze	IVOCLAR	Propylenglykol min.99,9%, Zinkchlorid ZnCl ₂ 0%, Natriumacetat NaO ₂ CCH ₃ 0%, Tylose 0%
E-max glaze	IVOCLAR	Ethandiol
E-max ceram margin	IVOCLAR	SiO ₂ ,Al ₂ O ₃ ,ZnO ₂ ,Na ₂ O,K ₂ O,ZrO, CaO,P ₂ O ₅ , fluoride, pigments
IPSinline margin	IVOCLAR	SiO ₂ 40-65%,AL ₂ O ₃ ,B ₂ O ₃ , BaO, CaO, CeO ₂ , K ₂ O,MgO,Na ₂ O, P ₂ O ₅ , SnO ₂ ,TiO ₂ , ZrO ₂
Titanium ceramic	VITA	SiO ₂ 63-68%,Na ₂ O5-7%,Cao 1.5-2.5%,K ₂ O8-10%,Al ₂ O ₃ 8-10%, BaO 0.3-1%,ZrO ₂ <0.5%,SnO ₂ <0.5%,B ₂ O ₃ 7-9
Zirconia ceramic	NORITAKE	SiO ₂ 40-65%,AL ₂ O ₃ ,B ₂ O ₃ , BaO, CaO, CeO ₂ , K ₂ O,MgO,Na ₂ O, P ₂ O ₅ , SnO ₂ ,TiO ₂ , ZrO ₂

ACRYLICS

ProBase Cold-Pink V	IVOCLAR	Polymethylmethacrylate,plasticiser, pigments and catalysts, 0.5-1.5%Benzoylperoxide
Self Curing-Pink	VERTEX	Polymethylmethacrylate,plasticiser, pigments and catalysts, 0.5-1.5%Benzoylperoxide
ProBase Cold-Clear	IVOCLAR	Methylmethacrylate95%,Butandiole, Dimethacrylate<5%
Orthocryl Powder-Clear	DENTAURUM	Methylmethacrylate95%,Butandiole, Dimethacrylate<5%

CERAMIC POWDERS

Ivostar acrylic teeth	IVOCLAR	Methylmethacrylate
Huge acrylic teeth	HUGE INC.	Polymethyl methacrylate 66% methyl methacrylate 31%
Ropak uv-fluid	BREDDENT	Methylmethacrylate, monomer
Flexible acrylic	VALPLAST	Nylon
Pmma blank Yamahachi	VITA	Acrylic polymer methacrylate (PMMA) ≥ 99.9 % , < 0.1 %(color

COMPOSITE

SRNexco Opaquer	IVOCLAR	Aromatic aliphatic dimethacrylate urethane ester, Sebacediol dimethacrylate, Highly dispersed silica, zirconia, Butylated Hydroxytoluene, camphorquinone, Ethyl 4-dimethylaminobenzoate Aromatic aliphatic dimethacrylate urethane ester, Sebacediol dimethacrylate, Dimethacrylate urethane ester, Aliphatic dimethacrylic acid, copolymer(65% Highly dispersed silica, 15% Aromatic aliphatic dimethacrylate urethane ester)
SRNexco Paste	IVOCLAR	5%Aromatic aliphatic dimethacrylate urethane ester, 15%Sebacediol dimethacrylate, 15%Dimethacrylate urethane ester) Highly dispersed silica, Butylated Hydroxytoluene, camphorquinone, Ethyl 4-dimethylaminobenzoate

COMPOSITE

Metal primer

SHOFU

Azeton 80%, other

ATTACHMENT SYSTEMS

Bredent vario snap

BREMENT

Vario ball snap

BREMENT

MK1

DENTAL GMBH

TK-Sofit

MICROTEC

TK-Snap

SI-TEC

Preci-Vertix

CEKA

Ball attachment

CEKA

MT

MICROTEC

ZIRCON OXIDE

UPZIR SOLID ZIRCONIA

UPCERA

other 0.5%

Zirconia multylayer

AIDITE

ZrO₂+HfO₂+Y₂O₃=94-95%,Y₂O₃=4.5~5.5%,
Al₂O₃<0.5%, other<0.5%

OTHERS

Titanium Cad Cam abutment

GEO

Titanium80-100%, Molybdenum1-15%,
Aluminum<10% Zirconium<10%,Iron<5%,
Chromium<5%,Copper<5%, Tin<5%,
Vanadium0-10%

Fino gold plating

FINO

Steel 1.4301, gilded

Fino clasp

FINO

S0.02%; rest N, Fe.

Fino autobond

FINO

Luting material for dental applications

Dentaurum clasp

DENTAURUM

Cr 16.5-18.0%; Mn 9.5-12.5%; Mo 2.7-3.7%;
N0.45-0.55%; Si0.2-
0.6%; Cu 0.25%; C0.15-0.25%; Ni 0.05%;
P0.02%; S0.01%; rest Fe.

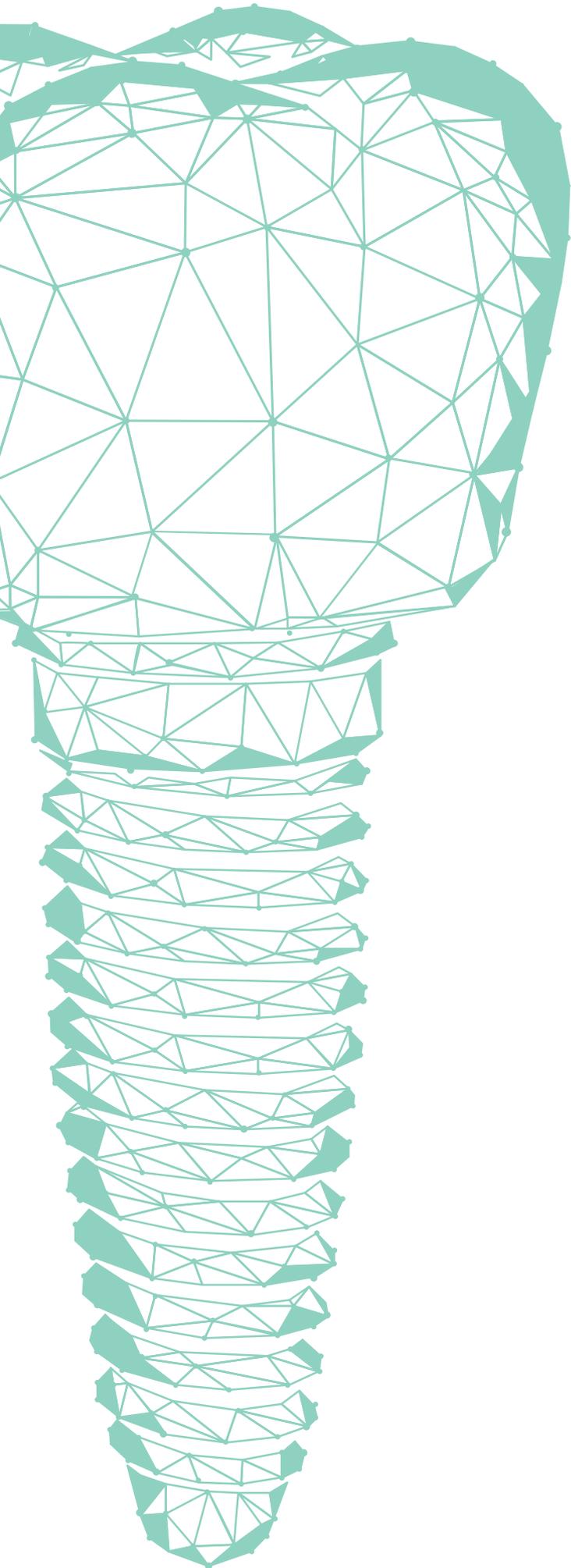
Remanium draht/ wire

DENTAURUM

Cr 16.0-19.0%; Ni 6.0-9.5%; Si 2.0%; Mn 2.0%; Mo
0.8%; C0.05-0.15%; N 0.11%; P 0.045%;
#S 0.015%; rest Fe.

OTHERS

BALL RETAINER CLASP	DENATURUM	Cr 16.0-19.0%; Ni 6.0-9.5%; Si 2.0%; Mn 2.0%; Mo 0.8%; C 0.05-0.15%; N 0.11%; P 0.045%; S 0.015%; rest Fe.
Mega trim provi implant	MEGADENTAL	Polymethyl methacrylate
Silensor-sl Teilekarten	ERKODENT	Polyethylene
Hilgers lingual retainer wire	BOND-A-BRAID	Retanium
Erkodur	ERKODENT	Ethylene terephthalate, Ethylene glycol, Vinyl acetate, Ethylene polymerization
Erkoflex-Bleach	Erkodent	Ethylene terephthalate, Ethylene glycol, Vinyl acetate, Ethylene polymerization
Self Curing-Pink	VERTEX	Methyl methacrylate, polymethyl methacrylate
Orthocryl Powder-Clear	DENTAURUM	Methylmethacrylate 95%, Butandiole, Dimethacrylate <5%



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