

Compatibilitatea maselor ceramice cu aliajele

Tip ceramica	Tip aliaj			
	VERABOND	VERABOND 2	VERABOND V	VERABOND 2V
Ceramco®	•	•		
Excelco®	•	•		
Spectrum®	•	•		
Noritake®	•	•		
Synspar®	•	•		
Shofu-Crystal®	•	•		
Vita®			•	•
Ivoclar-Classic®			•	•
Shofu-Vintage®			•	•
Shofu-Halo®			•	•
Biobond®			•	•
Duceram®			•	•
Will-Ceram®			•	•
Finesse®			•	•

Accesorii pentru lipituri

	Vera Solder	Vera PD Solder	Aalba Gold Solder
Interval de topire °C	954-1076	1075-1149	795-807
Compozitie in procent de greutate	Ni 75,00 %	Co 50,00 %	Au 58,50 %
	Cr 14,00 %	Cr 19,00 %	Ag 20,00 %
	Si 4,75 %	Ni 18,00 %	Cu 18,00 %
	Fe 4,50 %	Si 8,00 %	Zn 3,50 %
	B 3,00 %	W 4,00 %	
		B 0,80 %	
USA:FDA	K 972533	K 972632	K 972532
EU/EAA CE MARK	CE	CE	CE
MSF Aut.6561/2002	MSF	MSF	MSF



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Specificatii tehnice ale aliajelor dentare nenobile

VERA SOFT

VERABOND
VERABOND 2 (fara Beriliu)

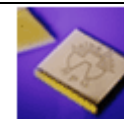
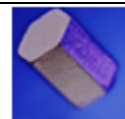
VERABOND V
VERABOND 2V (fara Beriliu)

VERA PDI / PDS / PDN

NPG
NPG +2 % Au

VERA SOLDER
VERA PD SOLDER
AALBA GOLD SOLDER

SPECIFICATIILE PRODUSELOR AALBADENT USA	VERABOND	VERABOND 2	VERABOND V	VERABOND 2V	VERASOFT	NPG	NPG+2% Au	VERA PDI, PDN & PDS	
								NORMAL	DUR
Restaurari Ceramice	●	●	●	●					
Coroane si punti	●	●	●	●	●	●	●		
Punti totale	●							●	●
Elemente si punti totale	●	●	●	●	●	●	●		
Pivoti si RCR					●	●	●		
Suport pentru acrylat si compozit	●	●	●	●	●	●	●	●	●
Structura pentru implanturi	●	●	●	●				●	●
Maryland bridges	●	●	●	●					
Rezistenta la intindere PSI (Mpa)	196000 (1352)	119000 (821)	120000 (828)	148000 (1021)	77100 (532)	81200 (560)	79300 (546)	109500 (755)	109500 (755)
Rezistenta la rasucire PSI (Mpa)	121500 (838)	111000 (766)	83500 (576)	108000 (754)	54700 (377)	30000 (207)	41500 (286)	86500 (597)	98000 (675)
M.of.E,PSI(Mpa)x10 ⁶	30.4(0.21)							26.1(0.18)	26.1(0.18)
Elongatie(%)	18	4	10	18	14	29	16	7	6
DuritateVickers, HV1	410	440	380	373	236	140	143	354	359
Densitate,g/cm ³	7.9	8.1	8.1	8.2	7.7	7.8	7.8	8.7	8.7
Culoare	Alb	Alb	Alb	Alb	Alb	Galben	Galben	Alb	Alb
Coeficient de expansiune	14.0x10 ⁻⁶ (@500°C)	14.1x10 ⁻⁶ (@500°C)	13.8x10 ⁻⁶ (@500°C)	13.7x10 ⁻⁶ (@500°C)					
Interval de topire °C	1160 – 1275	1200 – 1315	1162 – 1250	1290 – 1335	1090 – 1220	1012 – 1068	1012–1068	1375 – 1400	1360 – 1390
Compozitie in procent de greutate	Ni 77.95%	Ni 75.55%	Ni 74.80%	Ni 71.85%	Ni 53.60%	Cu 80.70%	Cu 78.70%	Co 63.50%	Co 63.50%
	Cr 12.60%	Cr 11.50%	Cr 12.70%	Cr 12.80%	Mn 19.50%	Al 7.80%	Al 7.80%	Cr 27.00%	Cr 27.00%
	Mo 5.0%	Mo 3.50%	Mo 9.00%	Mo 9.00%	Cr 14.50%	Fe 3.00%	Fe 3.00%	Mo 5.50^%	Mo 5.50%
	Be 1.95%	Nb 4.25%	Be 1.95%	Nb 4.00%	Cu 9.50%	Zn 2.70%	Zn 2.70%	Fe 2.00%	Fe 2.00%
	Al 2.90%	Al 2.25%	Al 2.00%	Al 2.50%	Al 1.60%	Mn 1.70%	Mn 1.70%	Ni-0.99%	Ni 0.99%
	Co 0.45%	Si 3.50%	Co 0.45%	Si 0.50%	Si 1.60%	Ni 4.30%	Ni 4.30%	Si >1.00%	Si >1.00%
	Ti 0.35%	Ti 0.45%	Ti 0.32%	Ti 0.35%			Au 2.00%	Mn>1.00%	Mn >1.00%
USA : FDA	K851569	K982094	K945712	K973265	K925579	K863782	K972971	K915249	K915249
EU/EAA CE MARK	CE	CE	CE	CE	CE	CE	CE	CE	CE
ADA “Accepted”						ADA	ADA	ADA	ADA
NIOM “Certified”	NIOM		NIOM	NIOM				NIOM	NIOM
Aut. MSF 6561/2002	MSF	MSF	MSF	MSF	MSF	MSF	MSF	MSF	MSF



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