

IPS InLine®

Zertifikat für den Legierungs- / Keramikverbund

Voraussetzung für einen dauerhaften, ästhetischen Zahnersatz ist die optimale Kompatibilität der verwendeten Produkte. Als Anbieter von umfassenden Systemen haben wir den Verbund der Metallkeramiken IPS InLine One, IPS InLine und der Press-on-Metal Keramik IPS InLine PoM auf verschiedene Legierungstypen geprüft.

Einschicht-Metallkeramik: **IPS InLine One**
 Konventionelle Metallkeramik: **IPS InLine**
 Press-on-Metal Keramik: **IPS InLine PoM**
 Legierungen: **Ivoclar Vivadent**

Die Verbundprüfung wurde nach ISO 9693 durchgeführt und nachstehende Legierungen sind freigegeben.

Hochgoldhaltig	IPS InLine One / IPS InLine			IPS InLine PoM 100 g/ 200 g			
	IPS InLine One	IPS InLine	IPS InLine PoM	Au	Pt	Pd	Ag
Brite Gold	✓	–	–	96.3	2.6	–	–
Brite Gold XH	✓	–	–	88.9	9.0	–	–
Golden Ceramic	✓	–	–	86.9	8.0	2.5	<1.0
Callisto 86	✓	✓	✓	86.2	7.2	3.6	–
Aquarius Hard	✓	✓	✓	86.1	8.5	2.6	–
Aquarius	✓	–	–	86.0	11.0	–	–
d.SIGN 98	✓	–	–	85.9	12.1	–	–
Callisto 84	✓	✓	✓	84.4	6.3	5.5	<1.0
Y	✓	–	–	84.0	7.1	5.7	1.5
Aquarius XH	✓	✓	✓	82.8	9.0	5.0	–
Y-2	✓	–	–	82.0	8.1	4.5	3.7
Y-Lite	✓	✓	✓	75.0	–	18.8	2.0
Sagittarius	✓	✓	✓	75.0	2.0	16.8	2.0
Y-1	✓	–	–	74.8	–	12.6	10.2
d.SIGN 96	✓	✓	–	73.8	8.5	5.4	8.98
Goldreduziert				Au	Pt	Pd	Ag
d.SIGN 91	✓	✓	✓	60.0	–	30.55	–
W	✓	–	–	54.0	–	26.4	15.5
W-5	✓	–	–	52.2	<1.0	26.0	17.1
Lodestar	✓	✓	✓	51.5	–	38.5	–
W-3	✓	✓	✓	48.7	–	39.6	–
Leo	✓	✓	✓	45.0	–	41.0	6.0
W-2	✓	✓	✓	44.8	–	40.5	5.9

Palladiumhaltig	IPS InLine One / IPS InLine			IPS InLine PoM 100 g/ 200 g			
	IPS InLine One	IPS InLine	IPS InLine PoM	Au	Pt	Pd	Ag
Spartan Plus	✓	✓	–	85.9	12.1	–	–
Spartan	✓	✓	–	84.0	7.1	5.7	1.5
Capricorn	✓	✓	✓	86.9	8.0	2.5	<1.0
d.SIGN 84	✓	✓	✓	88.9	9.0	–	–
Protocol	✓	✓	✓	86.1	8.5	2.6	–
Callisto 75 Pd	✓	✓	✓	82.8	9.0	5.0	–
Aries	✓	–	–	82.0	8.1	4.5	3.7
d.SIGN 67	✓	–	–	86.0	11.0	–	–
d.SIGN 59	✓	–	–	75.0	–	18.8	2.0
d.SIGN 53	✓	–	–	75.0	2.0	16.8	2.0
W-1	✓	–	–	74.8	–	12.6	10.2
Capricorn 15	✓	–	–	96.3	2.6	–	–
Callisto CP+	✓	✓	✓	73.8	8.5	5.4	8.98
Implantat-Legierungen				Au	Pt	Pd	Ag
Callisto Implant 78	✓	✓	✓	78.6	9.7	7.9	–
Callisto Implant 33	✓	✓	✓	33.0	–	52.8	7.2
IS-64	✓	–	–	2.8	1.0	59.9	26.0
Callisto Implant 60	✓	–	–	2.0	<1.0	60.0	25.2
Edelmetallfrei				Ni	Co	Cr	Mo
Colado NC	✓	✓	✓	65.6	–	20.1	1.3
4all	✓	✓	✓	61.4	–	25.7	11.0
d.SIGN 30	✓	✓	✓	–	60.2	30.1	<1.0
Colado CC	✓	✓	✓	–	59.0	25.5	5.5

Schaan, April 2012

H. Kappert

Prof. Dr. H. Kappert
Leiter Forschung und Entwicklung technical

Die genaue Indikation ist der jeweiligen Verarbeitungsanleitung zu entnehmen.
Länderspezifisch kann das Legierungsangebot variieren.

Hersteller Legierungen:
Ivoclar Vivadent Inc.
175 Pineview Drive
USA, Amherst, NY 14228
Tel. (716) 691 0010
Tel. 1 800 533 6825
Fax (716) 691 2285

Hersteller IPS InLine
und EU-Repräsentant:
Ivoclar Vivadent AG
Bendererstrasse 2
FL-9494 Schaan
Tel. +423 / 235 35 35
Fax +423 / 235 33 60
www.ivoclarvivadent.com

Benannte Stelle:
SGS United Kingdom Limited
Unit 202B
Worle Parkway
Weston Super Mare BS22 6WA

Benannte Stelle:
TÜV Süd Product Service GmbH
Non-Active Medical Devices
Riedlerstrasse 65
D-80339 München

IPS InLine®

Certificate for the alloy/ceramic bond

The prerequisite for a durable, aesthetic restoration is the ideal compatibility of the products in use. As a manufacturer of comprehensive systems we have tested the bond of the IPS InLine One, IPS InLine metal-ceramic, and IPS InLine PoM Press-on-Metal ceramic on different types of alloys.

One-layer Metal-Ceramic: **IPS InLine One**
 Conventional Metal-Ceramic: **IPS InLine**
 Press-on-Metal Ceramic: **IPS InLine PoM**
 Alloys: **Ivoclar Vivadent**

The bond test has been conducted in compliance with ISO 9693 and the following alloys have been approved.

	IPS InLine One / IPS InLine	IPS InLine PoM 100 g/200 g	IPS InLine PoM 300 g	Au	Pt	Pd	Ag
High gold							
Brite Gold	✓	–	–	96.3	2.6	–	–
Brite Gold XH	✓	–	–	88.9	9.0	–	–
Golden Ceramic	✓	–	–	86.9	8.0	2.5	<1.0
Callisto 86	✓	✓	✓	86.2	7.2	3.6	–
Aquarius Hard	✓	✓	✓	86.1	8.5	2.6	–
Aquarius	✓	–	–	86.0	11.0	–	–
d.SIGN 98	✓	✓	–	85.9	12.1	–	–
Callisto 84	✓	✓	✓	84.4	6.3	5.5	<1.0
Y	✓	–	–	84.0	7.1	5.7	1.5
Aquarius XH	✓	✓	✓	82.8	9.0	5.0	–
Y-2	✓	–	–	82.0	8.1	4.5	3.7
Y-Lite	✓	✓	✓	75.0	–	18.8	2.0
Sagittarius	✓	✓	✓	75.0	2.0	16.8	2.0
Y-1	✓	–	–	74.8	–	12.6	10.2
d.SIGN 96	✓	✓	–	73.8	8.5	5.4	8.98
Reduced gold				Au	Pt	Pd	Ag
d.SIGN 91	✓	✓	✓	60.0	–	30.55	–
W	✓	–	–	54.0	–	26.4	15.5
W-5	✓	–	–	52.2	<1.0	26.0	17.1
Lodestar	✓	✓	✓	51.5	–	38.5	–
W-3	✓	✓	✓	48.7	–	39.6	–
Leo	✓	✓	✓	45.0	–	41.0	6.0
W-2	✓	✓	✓	44.8	–	40.5	5.9
Evolution Lite	✓	–	–	40.3	–	39.3	9.2

	IPS InLine One / IPS InLine	IPS InLine PoM 100 g/200 g	IPS InLine PoM 300 g	Au	Pt	Pd	Ag
Palladium content							
Spartan Plus	✓	✓	–	85.9	12.1	–	–
Spartan	✓	✓	–	84.0	7.1	5.7	1.5
Capricorn	✓	✓	✓	86.9	8.0	2.5	<1.0
d.SIGN 84	✓	✓	✓	88.9	9.0	–	–
Protocol	✓	✓	✓	86.1	8.5	2.6	–
Callisto 75 Pd	✓	✓	✓	82.8	9.0	5.0	–
Aries	✓	–	–	82.0	8.1	4.5	3.7
d.SIGN 67	✓	–	–	86.0	11.0	–	–
d.SIGN 59	✓	–	–	75.0	–	18.8	2.0
d.SIGN 53	✓	–	–	75.0	2.0	16.8	2.0
W-1	✓	–	–	74.8	–	12.6	10.2
Capricorn 15	✓	–	–	96.3	2.6	–	–
Callisto CP+	✓	✓	✓	73.8	8.5	5.4	8.98
Implant alloys				Au	Pt	Pd	Ag
Callisto Implant 78	✓	✓	✓	78.6	9.7	7.9	–
Callisto Implant 33	✓	✓	✓	33.0	–	52.8	7.2
IS-64	✓	–	–	2.8	1.0	59.9	26.0
Callisto Implant 60	✓	–	–	2.0	<1.0	60.0	25.2
Free of precious metals				Ni	Co	Cr	Mo
Colado NC	✓	✓	✓	65.6	–	20.1	1.3
4all	✓	✓	✓	61.4	–	25.7	11.0
d.SIGN 30	✓	✓	✓	–	60.2	30.1	<1.0
Colado CC	✓	✓	✓	–	59.0	25.5	5.5

Schaan, April 2012

H. Kappert

Prof. Dr. H. Kappert
Head of Research and Development technical

Please refer to the respective Instructions for Use for the proper indication.
The range of available alloys may vary from country to country.

Manufacturer Alloys:
Ivoclar Vivadent Inc.
175 Pineview Drive
USA, Amherst, NY 14228
Phone (716) 691 0010
Phone 1 800 533 6825
Fax (716) 691 2285

Manufacturer IPS InLine
and EC Representative:
Ivoclar Vivadent AG
Bendererstrasse 2
FL-9494 Schaan
Phone +423 / 235 35 35
Fax +423 / 235 33 60
www.ivoclarvivadent.com

Notified Body:
SGS United Kingdom Limited
Unit 202B
Worle Parkway
Weston Super Mare BS22 6WA

Notified Body:
TÜV Süd Product Service GmbH
Non-Active Medical Devices
Riedlerstrasse 65
D-80339 Munich