

# 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 9693-1:2012 durchgeführt und nachstehende Legierungen sind freigegeben.

	IPS InLine One / IPS InLine	IPS InLine PoM 100 g / 200 g	IPS InLine PoM 300 g	Au	Pt	Pd	Ag
<b>Hochgoldhaltig</b>							
Brite Gold®	✓	–	–	96,3	2,6	–	–
Brite Gold® XH	✓	–	–	88,9	9,0	–	–
Golden Ceramic®	✓	–	–	86,9	8,0	2,5	<1,0
Aquarius Hard	✓	✓	✓	86,1	8,5	2,6	–
d.SIGN® 98	✓	✓	–	85,9	12,1	–	–
Bio Porta G	✓	✓	–	85,5	11,5	–	–
Aquarius XH	✓	✓	✓	82,8	9,0	5,0	–
Porta® Reflex	✓	✓	✓	81,2	16,0	–	–
Porta® P6	✓	✓	✓	78,0	9,8	8,0	–
Porta® Geo Ti	✓	✓	–	77,4	18,0	–	2,0
Sagittarius	✓	✓	✓	75,0	2,0	16,8	2,0
d.SIGN® 96	✓	✓	–	73,8	8,5	5,4	9,0
<b>Goldreduziert</b>							
d.SIGN® 91	✓	✓	✓	60,0	–	30,6	–
Porta® SMK 82	✓	✓	✓	57,5	1,5	31,4	–
W	✓	–	–	54,0	–	26,4	15,5
W-5	✓	–	–	52,2	<1,0	26,0	17,1
Lodestar®	✓	✓	✓	51,5	–	38,5	–
Leo	✓	✓	✓	45,0	–	41,0	6,0
Euro 45	✓	–	–	40,0	–	39,4	10,0

	IPS InLine One / IPS InLine	IPS InLine PoM 100 g / 200 g	IPS InLine PoM 300 g	Au	Pt	Pd	Ag
<b>Palladiumhaltig</b>							
Simidur® S2	✓	✓	–	2,0	–	79,0	–
Spartan® Plus	✓	–	–	2,0	–	78,8	–
Spartan®	✓	–	–	2,0	–	78,7	–
Capricorn	✓	✓	✓	6,0	–	78,1	3,0
d.SIGN® 84	✓	✓	✓	9,0	–	75,2	3,0
Protocol®	✓	✓	✓	6,0	–	75,2	6,5
Callisto® 75 Pd	✓	✓	✓	2,5	–	75,2	7,1
Aries	✓	–	–	–	–	63,7	26,0
Duo Pal 6	✓	✓	✓	6,0	–	75,0	8,4
d.SIGN® 67	✓	–	–	4,0	–	62,7	20,0
d.SIGN® 59	✓	–	–	–	<1,0	59,2	27,9
Simidur S1 S	✓	–	–	–	–	56,0	32,0
d.SIGN® 53	✓	–	–	–	<1,0	53,8	34,9
W-1	✓	–	–	–	–	53,3	37,7
Capricorn 15	✓	–	–	15,0	–	51,9	23,0
Callisto® CPG	✓	✓	✓	<1,0	–	24,6	–

<b>Implantat-Legierungen</b>				Au	Pt	Pd	Ag
Callisto® Implant 78	✓	✓	✓	78,6	9,7	7,9	–
Euro 33 Implant	✓	–	–	28,0	–	43,9	19,5
Callisto® Implant 60	✓	–	–	2,0	<1,0	60,0	25,2

<b>Edelmetallfrei</b>				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

<b>CAD/CAM</b>				Ni	Co	Cr	Mo
Colado® CAD CoCr4	✓	✓	✓	–	63,0	29,0	6,0

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

Schaan, Februar 2019



Dr. Thomas Hirt  
Chief Technology Officer

# 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 9693-1:2012 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
<b>High gold</b>							
Brite Gold®	✓	–	–	96.3	2.6	–	–
Brite Gold® XH	✓	–	–	88.9	9.0	–	–
Golden Ceramic®	✓	–	–	86.9	8.0	2.5	<1.0
Aquarius Hard	✓	✓	✓	86.1	8.5	2.6	–
d.SIGN® 98	✓	✓	–	85.9	12.1	–	–
Bio Porta G	✓	✓	–	85.5	11.5	–	–
Aquarius XH	✓	✓	✓	82.8	9.0	5.0	–
Porta® Reflex	✓	✓	✓	81.2	16.0	–	–
Porta® P6	✓	✓	✓	78.0	9.8	8.0	–
Porta® Geo Ti	✓	✓	–	77.4	18.0	–	2.0
Sagittarius	✓	✓	✓	75.0	2.0	16.8	2.0
d.SIGN® 96	✓	✓	–	73.8	8.5	5.4	9.0
<b>Reduced gold</b>							
d.SIGN® 91	✓	✓	✓	60.0	–	30.6	–
Porta® SMK 82	✓	✓	✓	57.5	1.5	31.4	–
W	✓	–	–	54.0	–	26.4	15.5
W-5	✓	–	–	52.2	<1.0	26.0	17.1
Lodestar®	✓	✓	✓	51.5	–	38.5	–
Leo	✓	✓	✓	45.0	–	41.0	6.0
Evolution® Lite	✓	–	–	40.3	–	39.3	9.2
Euro 45	✓	–	–	40.0	–	39.4	10.0

	IPS InLine One / IPS InLine	IPS InLine PoM 100 g / 200 g	IPS InLine PoM 300 g	Au	Pt	Pd	Ag
<b>Palladium content</b>							
Simidur® S2	✓	✓	–	2.0	–	79.0	–
Spartan® Plus	✓	–	–	2.0	–	78.8	–
Spartan®	✓	–	–	2.0	–	78.7	–
Capricorn	✓	✓	✓	6.0	–	78.1	3.0
d.SIGN® 84	✓	✓	✓	9.0	–	75.2	3.0
Protocol®	✓	✓	✓	6.0	–	75.2	6.5
Callisto® 75 Pd	✓	✓	✓	2.5	–	75.2	7.1
Aries	✓	–	–	–	–	63.7	26.0
Duo Pal 6	✓	✓	✓	6.0	–	75.0	8.4
d.SIGN® 67	✓	–	–	4.0	–	62.7	20.0
d.SIGN® 59	✓	–	–	–	<1.0	59.2	27.9
Simidur S1 S	✓	–	–	–	–	56.0	32.0
d.SIGN® 53	✓	–	–	–	<1.0	53.8	34.9
W-1	✓	–	–	–	–	53.3	37.7
Capricorn 15	✓	–	–	15.0	–	51.9	23.0
Callisto® CPG	✓	✓	✓	<1.0	–	24.6	–
<b>Implant alloys</b>							
Callisto® Implant 78	✓	✓	✓	78.6	9.7	7.9	–
Euro 33 Implant	✓	–	–	28.0	–	43.9	19.5
Callisto® Implant 60	✓	–	–	2.0	<1.0	60.0	25.2
<b>Base metal alloys</b>							
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
<b>CAD/CAM alloy</b>							
Colado® CAD CoCr4	✓	✓	✓	–	63.0	29.0	6.0

rich yellow yellow white

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

Schaan, February 2019



Dr. Thomas Hirt  
Chief Technology Officer

Manufacturer Alloys:  
**Ivoclar Vivadent, Inc.**  
175 Pineview Drive  
Amherst, N.Y. 14228, USA  
Tel. +1 716 691 0010  
Tel. +1 800 533 6825  
Fax +1 716 691 2285  
www.ivoclarvivadent.us.com

Manufacturer IPS InLine and EC Representative:  
**Ivoclar Vivadent AG**  
Bendererstrasse 2  
9494 Schaan  
Liechtenstein  
Tel. +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