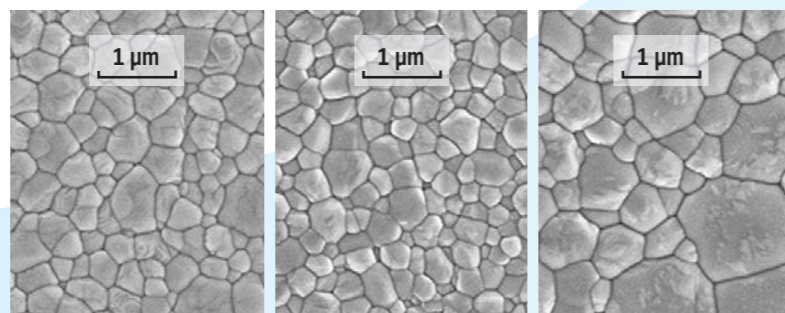


Omni Ronde Materialien



	Einheit	HD	HTL	smile
Zusammensetzung (chem.)				
ZrO ₂ + HfO ₂ + Y ₂ O ₃	wt%	99.5	99.5	99.5
Y ₂ O ₃	wt%	5.2	5.2	9.3
Al ₂ O ₃	wt%	0.25	0.05	0.05
Summe aller anderen Oxide	wt%	≥ 0.5	≥ 0.5	≥ 0.5
Eigenschaften				
Dichte	g/cm ³	6.08	6.08	6.04
Biegefestigkeit (biaxial)	MPa	> 1100	> 1100	> 610
Korngrösse (mli)	µm	< 0.4	< 0.4	< 0.6
Bruchzähigkeit K _{IC}	MPa √m	5	5	3.5
Härte HV ₁₀	-	1250	1250	1250
Transluzens (1mm, D65)	%	35	41	49
Wärmeausdehnungskoeffizient (WAK)	10 ⁻⁶ /K	11.2	11.2	10.6
Wärmeleitfähigkeit	W/mK	2.5	2.5	2.5
Beständigkeit (Essigsäure)	µg/cm ²	≥ 100	≥ 100	≥ 100
Radioaktivität	Bq/kg	≥ 200	≥ 200	≥ 200
Indikationen				
	Inlay, Onlay, Veneer, Kronen, Brücken...	Inlay, Onlay, Veneer, Kronen, Brücken...	Inlay, Onlay, Veneer, Kronen, Brücken...	Inlay, Onlay, Veneer, Kronen, 3 gl. Brücken...
Normative Vorgabe				
	Zahnersatz nach ISO 6872:2015 Klasse 5	Zahnersatz nach ISO 6872:2015 Klasse 5	Zahnersatz nach ISO 6872:2015 Klasse 5	Zahnersatz nach ISO 6872:2015 Klasse 4

**OMNI
Ronde**



CAD/CAM Rohlinge aus Zirkonoxid zur Herstellung von Kronen- und Brückengerüsten vollkeramischer dentaler Prothesen für höchste Qualitätsanprüche.

HD

- Opakes Zirkonoxid
- Transluzenz: 35%
- ISO 6872:2015 Klasse 5
- Biegefestigkeit >1100 MPa
- Weiss und Färbeflüssigkeit (Liquid A1-D4)

Indikation:

- Gerüstkonstruktionen
- Reduzierte Kronen und Brücken zur klassischen Verblendung
- Vom Käppchen bis maximal großspannige Restaurationen (maximal 2 Zw. Glieder)
- Besondere Empfehlung: verfärbte (devitale) Zahnstümpfe, Metallstrukturen und Abutments auf Titanbasis

HTL

- (Mittel/Semi) Transluzentes Zirkonoxid
- Transluzenz: 41%
- ISO 6872:2015 Klasse 5
- Biegefestigkeit >1100 MPa
- Weiss und Färbeflüssigkeit (Liquid A1-D4)
- Monochromatisch voreingefärbte 16 Farben (Dentin A1-D4)

Indikation:

- Gerüstkonstruktionen
- Reduzierte Kronen und Brücken zur klassischen Verblendung
- Vom Käppchen bis maximal großspannige Restaurationen (maximal 2 Zw. Glieder)
- Vollanatomisch/Monolithisch Restaurationen (bedingt) möglich

smile

- Zirkonoxid mit höchster Transluzenz (vergleichbar mit Lithium-Disilikat)
- Transluzenz: 49%
- ISO 6872:2015 Klasse 4
- Biegefestigkeit >610 MPa
- Weiss und Färbeflüssigkeit (Liquid A1-D4)
- Monochromatisch voreingefärbte 16 Farben (A1-D4)

Indikation:

- Vollanatomische/Monolithische Restaurationen (Front- und Seitenzahn)
- Krone bis max. 3-gl. Brücken (max. 1 Zwischenglied)

HTL Multi

- Transluzentes Zirkonoxid
- Transluzenz: 41%
- Biegefestigkeit >1100 MPa
- 8 Farbvarianten

smile Multi

- Transluzentes Zirkonoxid
- Transluzenz: 49%
- Biegefestigkeit >610 MPa
- 16 Farbvarianten

Multi allgemein (HTL, smile)

- Mehrschichtiges Zirkonoxid
- 8 Farbvarianten: A Light/Dark, B Light/Dark, C Light/Dark, D Light/Dark

Alle Informationen und Daten entsprechen dem derzeitigen Stand unserer Kenntnisse über Eigenschaften und Anwendungen. Bei Nichteinhaltung der Gebrauchsanweisung wird keine Garantie für die angegebenen Materialeigenschaften übernommen.

OMNIDENT®

We care. You smile.



Z-CAD Blanks & Liquids: Das Komplettprogramm von OMNIDENT

Art.-Nr. OMNIDENT	Art.-Nr. METOXIT	
133400	405415	Omni Ronde Z-CAD HD weiss HD 99-10
133401	405499	Omni Ronde Z-CAD HD weiss HD 99-12
133402	405364	Omni Ronde Z-CAD HD weiss HD 99-14
133403	405500	Omni Ronde Z-CAD HD weiss HD 99-16
133404	405366	Omni Ronde Z-CAD HD weiss HD 99-18
133405	405416	Omni Ronde Z-CAD HD weiss HD 99-20
133406	405417	Omni Ronde Z-CAD HD weiss HD 99-25

Art.-Nr. OMNIDENT	Art.-Nr. METOXIT	
133407	407858	Omni Ronde Z-CAD HD Liquid A1
133408	407859	Omni Ronde Z-CAD HD Liquid A2
133409	407861	Omni Ronde Z-CAD HD Liquid A3
133410	407862	Omni Ronde Z-CAD HD Liquid A3,5
133411	407864	Omni Ronde Z-CAD HD Liquid A4
133412	407865	Omni Ronde Z-CAD HD Liquid B1
133413	407866	Omni Ronde Z-CAD HD Liquid B2
133414	407867	Omni Ronde Z-CAD HD Liquid B3
133415	407868	Omni Ronde Z-CAD HD Liquid B4
133416	407869	Omni Ronde Z-CAD HD Liquid C1
133417	407870	Omni Ronde Z-CAD HD Liquid C2
133418	407871	Omni Ronde Z-CAD HD Liquid C3
133419	407872	Omni Ronde Z-CAD HD Liquid C4
133420	407873	Omni Ronde Z-CAD HD Liquid D2
133421	407874	Omni Ronde Z-CAD HD Liquid D3
133422	407875	Omni Ronde Z-CAD HD Liquid D4

Art.-Nr. OMNIDENT	Art.-Nr. METOXIT	
133423	407013	Omni Ronde Z-CAD HTL weiss HD 99-10
133424	407046	Omni Ronde Z-CAD HTL weiss HD 99-12
133425	407014	Omni Ronde Z-CAD HTL weiss HD 99-14
133426	407015	Omni Ronde Z-CAD HTL weiss HD 99-16
133427	407016	Omni Ronde Z-CAD HTL weiss HD 99-18
133428	407017	Omni Ronde Z-CAD HTL weiss HD 99-20
133429	407047	Omni Ronde Z-CAD HTL weiss HD 99-25

Art.-Nr. OMNIDENT	Art.-Nr. METOXIT	
133430	408716	Omni Ronde Z-CAD HTL Liquid A1
133431	408717	Omni Ronde Z-CAD HTL Liquid A2
133432	408718	Omni Ronde Z-CAD HTL Liquid A3
133433	408719	Omni Ronde Z-CAD HTL Liquid A3,5
133434	408720	Omni Ronde Z-CAD HTL Liquid A4
133435	408721	Omni Ronde Z-CAD HTL Liquid B1
133436	408722	Omni Ronde Z-CAD HTL Liquid B2
133437	408723	Omni Ronde Z-CAD HTL Liquid B3
133438	408724	Omni Ronde Z-CAD HTL Liquid B4
133439	408725	Omni Ronde Z-CAD HTL Liquid C1
133440	408726	Omni Ronde Z-CAD HTL Liquid C2
133441	408727	Omni Ronde Z-CAD HTL Liquid C3
133442	408728	Omni Ronde Z-CAD HTL Liquid C4
133443	408729	Omni Ronde Z-CAD HTL Liquid D2
133444	408730	Omni Ronde Z-CAD HTL Liquid D3
133445	408731	Omni Ronde Z-CAD HTL Liquid D4

Art.-Nr. OMNIDENT	Art.-Nr. METOXIT	
133446	409782	Omni Ronde Z-CAD HTL HD99-10 A1
133447	409784	Omni Ronde Z-CAD HTL HD99-14 A1
133448	409786	Omni Ronde Z-CAD HTL HD99-18 A1
133449	409788	Omni Ronde Z-CAD HTL HD99-25 A1
133450	409789	Omni Ronde Z-CAD HTL HD99-10 A2
133451	409791	Omni Ronde Z-CAD HTL HD99-14 A2
133452	409793	Omni Ronde Z-CAD HTL HD99-18 A2
133453	409795	Omni Ronde Z-CAD HTL HD99-25 A2
133454	409796	Omni Ronde Z-CAD HTL HD99-10 A3

Art.-Nr. OMNIDENT	Art.-Nr. METOXIT	
133455	409798	Omni Ronde Z-CAD HTL HD99-14 A3
133456	409800	Omni Ronde Z-CAD HTL HD99-18 A3
133457	409802	Omni Ronde Z-CAD HTL HD99-25 A3
133458	409803	Omni Ronde Z-CAD HTL HD99-10 A3,5
133459	409805	Omni Ronde Z-CAD HTL HD99-14 A3,5
133460	409807	Omni Ronde Z-CAD HTL HD99-18 A3,5
133461	409809	Omni Ronde Z-CAD HTL HD99-25 A3,5
133462	409810	Omni Ronde Z-CAD HTL HD99-10 A4

Art.-Nr. OMNIDENT	Art.-Nr. METOXIT	
133463	409812	Omni Ronde Z-CAD HTL HD99-14 A4
133464	409814	Omni Ronde Z-CAD HTL HD99-18 A4
133465	409816	Omni Ronde Z-CAD HTL HD99-25 A4
133466	409817	Omni Ronde Z-CAD HTL HD99-10 B1
133467	409819	Omni Ronde Z-CAD HTL HD99-14 B1
133468	409821	Omni Ronde Z-CAD HTL HD99-18 B1
133469	409823	Omni Ronde Z-CAD HTL HD99-25 B1
133470	409824	Omni Ronde Z-CAD HTL HD99-10 B2
133471	409826	Omni Ronde Z-CAD HTL HD99-14 B2
133472	409828	Omni Ronde Z-CAD HTL HD99-18 B2
133473	409830	Omni Ronde Z-CAD HTL HD99-25 B2
133474	409831	Omni Ronde Z-CAD HTL HD99-10 B3
133475	409833	Omni Ronde Z-CAD HTL HD99-14 B3
133476	409835	Omni Ronde Z-CAD HTL HD99-18 B3
133477	409837	Omni Ronde Z-CAD HTL HD99-25 B3
133478	409838	Omni Ronde Z-CAD HTL HD99-10 B4

Art.-Nr. OMNIDENT	Art.-Nr. METOXIT	
133479	409840	Omni Ronde Z-CAD HTL HD99-14 B4
133480	409842	Omni Ronde Z-CAD HTL HD99-18 B4
133481	409844	Omni Ronde Z-CAD HTL HD99-25 B4
133482	409845	Omni Ronde Z-CAD HTL HD99-10 C1
133483	409847	Omni Ronde Z-CAD HTL HD99-14 C1
133484	409849	Omni Ronde Z-CAD HTL HD99-18 C1
133485	409851	Omni Ronde Z-CAD HTL HD99-25 C1
133486	409852	Omni Ronde Z-CAD HTL HD99-10 C2
133487	409854	Omni Ronde Z-CAD HTL HD99-14 C2
133488	409856	Omni Ronde Z-CAD HTL HD99-18 C2
133489	409858	Omni Ronde Z-CAD HTL HD99-25 C2
133490	409859	Omni Ronde Z-CAD HTL HD99-10 C3
133491	409861	Omni Ronde Z-CAD HTL HD99-14 C3
133492	409863	Omni Ronde Z-CAD HTL HD99-18 C3
133493	409865	Omni Ronde Z-CAD HTL HD99-25 C3
133494	409866	Omni Ronde Z-CAD HTL HD99-10 C4
133495	409868	Omni Ronde Z-CAD HTL HD99-14 C4
133496	409870	Omni Ronde Z-CAD HTL HD99-18 C4
133497	409872	Omni Ronde Z-CAD HTL HD99-25 C4
133498	409873	Omni Ronde Z-CAD HTL HD99-10 D2
133499	409875	Omni Ronde Z-CAD HTL HD99-14 D2
133500	409877	Omni Ronde Z-CAD HTL HD99-18 D2
133501	409879	Omni Ronde Z-CAD HTL HD99-25 D2
133502	409880	Omni Ronde Z-CAD HTL HD99-10 D3
133503	409882	Omni Ronde Z-CAD HTL HD99-14 D3
133504	409884	Omni Ronde Z-CAD HTL HD99-18 D3
133505	409886	Omni Ronde Z-CAD HTL HD99-25 D3
133506	409887	Omni Ronde Z-CAD HTL HD99-10 D4
133507	409889	Omni Ronde Z-CAD HTL HD99-14 D4
133508	409891	Omni Ronde Z-CAD HTL HD99-18 D4
133509	409893	Omni Ronde Z-CAD HTL HD99-25 D4

Art.-Nr. OMNIDENT	Art.-Nr. METOXIT	
133510	408655	Omni Ronde Z-CAD smile weiss HD99-10
133511	408656	Omni Ronde Z-CAD smile weiss HD99-12
133512	408628	Omni Ronde Z-CAD smile weiss HD99-14
133513	408657	Omni Ronde Z-CAD smile weiss HD99-16
133514	408658	Omni Ronde Z-CAD smile weiss HD99-18
133515	408772	Omni Ronde Z-CAD smile weiss HD99-20
133516	408773	Omni Ronde Z-CAD smile weiss HD99-25

Art.-Nr. OMNIDENT	Art.-Nr. METOXIT	
133517	409436	Omni Ronde Z-CAD smile Liquid A1
133518	409437	Omni Ronde Z-CAD smile Liquid A2
133519	409438	Omni Ronde Z-CAD smile Liquid A3
133520	409439	Omni Ronde Z-CAD smile Liquid A3,5
133521	409440	Omni Ronde Z-CAD smile Liquid A4
133522	409441	Omni Ronde Z-CAD smile Liquid B1
133523	409442	Omni Ronde Z-CAD smile Liquid B2
133524	409443	Omni Ronde Z-CAD smile Liquid B3
133525	409444	Omni Ronde Z-CAD smile Liquid B4
133526	409445	Omni Ronde Z-CAD smile Liquid C1
133527	409446	Omni Ronde Z-CAD smile Liquid C2
133528	409447	Omni Ronde Z-CAD smile Liquid C3
133529	409448	Omni Ronde Z-CAD smile Liquid C4
133530	409449	Omni Ronde Z-CAD smile Liquid D2
133531	409450	Omni Ronde Z-CAD smile Liquid D3
133532	409451	Omni Ronde Z-CAD smile Liquid D4

Art.-Nr. OMNIDENT	Art.-Nr. METOXIT	
133533	410350	Omni Ronde Z-CAD smile HD99-10 A1
133534	410352	Omni Ronde Z-CAD smile HD99-14 A1
133535	410354	Omni Ronde Z-CAD smile HD99-18 A1
133536	410356	Omni Ronde Z-CAD smile HD99-25 A1
133537	410357	Omni Ronde Z-CAD smile HD99-10 A2
133538	410359	Omni Ronde Z-CAD smile HD99-14 A2
133539	410361	Omni Ronde Z-CAD smile HD99-18 A2
133540	410363	Omni Ronde Z-CAD smile HD99-25 A2
133541	410364	Omni Ronde Z-CAD smile HD99-10 A3
133542	410366	Omni Ronde Z-CAD smile HD99-14 A3
133543	410368	Omni Ronde Z-CAD smile HD99-18 A3
133544	410370	Omni Ronde Z-CAD smile HD99-25 A3
133545	410371	Omni Ronde Z-CAD smile HD99-10 A3,5
133546	410373	Omni Ronde Z-CAD smile HD99-14 A3,5
133547	410375	Omni Ronde Z-CAD smile HD99-18 A3,5
133548	410377	Omni Ronde Z-CAD smile HD99-25 A3,5
133549	410378	Omni Ronde Z-CAD smile HD99-10 A4
133550	410380	Omni Ronde Z-CAD smile HD99-14 A4
133551	410382	Omni Ronde Z-CAD smile HD99-18 A4
133552	410384	Omni Ronde Z-CAD smile HD99-25 A4
133553	410385	Omni Ronde Z-CAD smile HD99-10 B1
133554	410387	Omni Ronde Z-CAD smile HD99-14 B1
133555	410389	Omni Ronde Z-CAD smile HD99-18 B1
133556	410391	Omni Ronde Z-CAD smile HD99-25 B1
133557	410392	Omni Ronde Z-CAD smile HD99-10 B2
133558	410394	Omni Ronde Z-CAD smile HD99-14 B2
133559	410396	Omni Ronde Z-CAD smile HD99-18 B2
133560	410398	Omni Ronde Z-CAD smile HD99-25 B2
133561	410399	Omni Ronde Z-CAD smile HD99-10 B3
133562	410401	Omni Ronde Z-CAD smile HD99-14 B3
133563	410403	Omni Ronde Z-CAD smile HD99-18 B3
133564	410405	Omni Ronde Z-CAD smile HD99-25 B3
133565	410406	Omni Ronde Z-CAD smile HD99-10 B4
133566	410408	Omni Ronde Z-CAD smile HD99-14 B4

Art.-Nr. OMNIDENT	Art.-Nr. METOXIT	
133567	410410	Omni Ronde Z-CAD smile HD99-18 B4
133568	410412	Omni Ronde Z-CAD smile HD99-25 B4
133569	410413	Omni Ronde Z-CAD smile HD99-10 C1
133570	410415	Omni Ronde Z-CAD smile HD99-14 C1
133571	410417	Omni Ronde Z-CAD smile HD99-18 C1
133572	410419	Omni Ronde Z-CAD smile HD99-25 C1
133573	410420	Omni Ronde Z-CAD smile HD99-10 C2
133574	410422	Omni Ronde Z-CAD smile HD99-14 C2
133575	410424	Omni Ronde Z-CAD smile HD99-18 C2
133576	410426	Omni Ronde Z-CAD smile HD99-25 C2
133577	410427	Omni Ronde Z-CAD smile HD99-10 C3
133578	410429	Omni Ronde Z-CAD smile HD99-14 C3
133579	410431	Omni Ronde Z-CAD smile HD99-18 C3
133580	410433	Omni Ronde Z-CAD smile HD99-25 C3
133581	410434	Omni Ronde Z-CAD smile HD99-10 C4
133582	410436	Omni Ronde Z-CAD smile HD99-14 C4
133583	410438	Omni Ronde Z-CAD smile HD99-18 C4
133584	410440	Omni Ronde Z-CAD smile HD99-25 C4
133585	410441	Omni Ronde Z-CAD smile HD99-10 D2
133586	410443	Omni Ronde Z-CAD smile HD99-14 D2
133587	410445	Omni Ronde Z-CAD smile HD99-18 D2
133588	410447	Omni Ronde Z-CAD smile HD99-25 D2
133589	410448	Omni Ronde Z-CAD smile HD99-10 D3
133590	410450	Omni Ronde Z-CAD smile HD99-14 D3
133591	410452	Omni Ronde Z-CAD smile HD99-18 D3
133592	410454	Omni Ronde Z-CAD smile HD99-25 D3
133593	410455	Omni Ronde Z-CAD smile HD99-10 D4
133594	410457	Omni Ronde Z-CAD smile HD99-14 D4
133595	410459	Omni Ronde Z-CAD smile HD99-18 D4
133596	410461	Omni Ronde Z-CAD smile HD99-25 D4

Art.-Nr. OMNIDENT	Art.-Nr. METOXIT	
133597	409228	Omni Ronde Z-CAD HTL Multi HD99-14 A LIGHT
133598	409229	Omni Ronde Z-CAD HTL Multi HD99-18 A LIGHT
133599	409230	Omni Ronde Z-CAD HTL Multi HD99-22 A LIGHT
133600	409315	Omni Ronde Z-CAD HTL Multi HD99-14 A DARK
133601	409316	Omni Ronde Z-CAD HTL Multi HD99-18 A DARK
133602	409317	Omni Ronde Z-CAD HTL Multi HD99-22 A DARK
133603	409231	Omni Ronde Z-CAD HTL Multi HD99-14 B LIGHT
133604	409232	Omni Ronde Z-CAD HTL Multi HD99-18 B LIGHT
133605	409233	Omni Ronde Z-CAD HTL Multi HD99-22 B LIGHT
133606	409318	Omni Ronde Z-CAD HTL Multi HD99-14 B DARK
133607	409319	Omni Ronde Z-CAD HTL Multi HD99-18 B DARK
133608	409320	Omni Ronde Z-CAD HTL Multi HD99-22 B DARK
133609	409234	Omni Ronde Z-CAD HTL Multi HD99-14 C LIGHT
133610	409235	Omni Ronde Z-CAD HTL Multi HD99-18 C LIGHT
133611	409236	Omni Ronde Z-CAD HTL Multi HD99-22 C LIGHT
133612	409368	Omni Ronde Z-CAD HTL Multi HD99-14 C DARK
133613	409369	Omni Ronde Z-CAD HTL Multi HD99-18 C DARK
133614	409370	Omni Ronde Z-CAD HTL Multi HD99-22 C DARK
133615	409237	Omni Ronde Z-CAD HTL Multi HD99-14 D LIGHT
133616	409238	Omni Ronde Z-CAD HTL Multi HD99-18 D LIGHT
133617	409239	Omni Ronde Z-CAD HTL Multi HD99-22 D LIGHT
133618	409371	Omni Ronde Z-CAD HTL Multi HD99-14 D DARK
133619	409372	Omni Ronde Z-CAD HTL Multi HD99-18 D DARK
133620	409373	Omni Ronde Z-CAD HTL Multi HD99-22 D DARK
133621	409322	Omni Ronde Z-CAD smile Multi HD99-14 A LIGHT
133622	409323	Omni Ronde Z-CAD smile Multi HD99-18 A LIGHT
133623	409324	Omni Ronde Z-CAD smile Multi HD99-22 A LIGHT
133624	409325	Omni Ronde Z-CAD smile Multi HD99-14 A DARK

Art.-Nr. OMNIDENT	Art.-Nr. METOXIT	
133625	409326	Omni Ronde Z-CAD smile Multi HD99-18 A DARK
133626	409327	Omni Ronde Z-CAD smile Multi HD99-22 A DARK
133627	409328	Omni Ronde Z-CAD smile Multi HD99-14 B LIGHT
133628	409329	Omni Ronde Z-CAD smile Multi HD