

Haahr & Co. varenr. See attached <i>se Bilag</i>	Declaration of Conformity for materials and articles made of glass, porcelain, ceramic and enamel Version nr. 2, 10.09.2013, DL	Page:1 of 3 Gældende for Haahr & Co. A/S Ibrugtagingsdato/ Godkendt af <i>29/09/2016 DL</i>
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1	Haahr & Co. A/S Mådevej 20 6700 Esbjerg Tlf. +45 75 12 80 00 Fax +45 75 12 27 19 http://www.haahr-co.dk	
2	Identification of the product: <ul style="list-style-type: none"> • Name • Item No. • Description • Material • Photo 	See AIF list attached <i>HAAHR LIST 29.09.16</i>

Haahr & Co. varenr. See attached	Declaration of Conformity for materials and articles made of glass, porcelain, ceramic and enamel	Page: 2 of 3 Gældende for Haahr & Co. A/S
	Version nr. 2, 10.09.2013, DL	Ibrugtagningsdato/ Godkendt af 29/9-16 DL

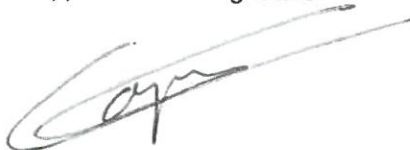
3	<p><u>General EU compliance:</u></p> <p>These articles comply with the requirements of Regulation 1935/2004-EC, and is produced and handled in accordance with the requirements of good manufacturing practice in Regulation 2023/2006-EC.</p> <p><u>Compliance with specific EU rules:</u></p> <p>These articles comply with the requirements of contagion of lead and cadmium in Directive 84/500-EEC</p> <p><u>Compliance with Danish rules:</u></p> <p>These articles comply with the requirements of contagion of lead and cadmium from ceramic and enameled objects and glassware, given the Ordinance on Food Contact Materials # 822 of 26 June 2013.</p>
4	<p>These articles are suitable for contact with all types of food at the expected and foreseeable use.</p> <p>These articles are intended for contact with food at temperatures up to _____ °C for up to _____ hours ΔT 50°C FOR annealing and ΔT 130°C FOR TEMPERED ITEMS</p> <p>These articles can tolerate dishwasher <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>Representative samples of these, or similar articles, have been examined for compliance with the requirements of Section 3 and the articles in this lot are produced under similar conditions, using identical raw materials, from the same manufacturer.</p> <p>If the Danish Food Authorities so requests, Haahr & Co. A/S will provide the necessary background documentation.</p>

Philippe CAZIER
QUALITY DIRECTOR
ARC FRANCE

ARQUES
September 29th, 2016

Supplier name - Signature

Date



ARC FRANCE
 Société par actions simplifiée
 Au capital de 34.954.366 €
 Siège social : France-ARQUES (62510)
 104 avenue du Général de Gaulle
 504 313 032 R.C.S. BOULOGNE-SUR-MER
 TVA FR 38 504 313 032

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On behalf of Haahr & Co. A/S

Haahr & Co. Isenkram A/S
Mådevej 20 - 6700 Esbjerg
Tlf: 7512 8000
www.haahr-co.dk

D. Zangherle
Signature

29/9-16
Date



arc
France

September 29, 2016

HAAHR

Ref. : PC/pc

Re :

HAAHR list 290916 attached

We, ARC FRANCE, certify that these items are in conformity with

- Directive 10-2011 EEC on overall migration test of plastic material and articles intended to come into contacts with foodstuffs.
- ISO 7086 and directives EC 84/500 & 1935/2004 (traceability = pallet)

and do not present any risk as well from the health as hygiene point of view.

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Philippe CAZIER
AF Quality Director

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Société par Actions Simplifiée au capital de 34 954 366 €
504 313 032 R.C.S BOULOGNE SUR MLR code APE: 2 313 Z No TVA FR 38504313032

Nummer	EAN Kode	Beskrivelse	ANNEALED	TEMPERED	REF COMM AIF	MATIERE	DECORE
5000090	26102168066	GLASSKÅL EMP Ø 6 CM		X	10011	SODO	TREMPIE
5000095	26102168172	GLASSKÅL EMP Ø 7 CM		X	10018	SODO	TREMPIE
5000100	26102972144	GLASSKÅL EMP Ø 9 CM		X	10040	SODO	TREMPIE
5000105	26102972151	GLASSKÅL EMP Ø 10,5 CM		X	10019	SODO	TREMPIE
5000110	26102972175	GLASSKÅL EMP Ø 12 CM		X	10000	SODO	TREMPIE
5000115	26102972182	GLASSKÅL EMP Ø 14 CM		X	10003	SODO	TREMPIE
5000120	26102972212	GLASSKÅL EMP Ø 17 CM		X	10027	SODO	TREMPIE
5000125	26102800058	GLASSKÅL EMP Ø 20 CM		X	10022	SODO	TREMPIE
5000130	26102800256	GLASSKÅL EMP Ø 23 CM		X	10021	SODO	TREMPIE
5000135	26102800164	GLASSKÅL EMP Ø 26 CM		X	09994	SODO	TREMPIE
5000140	26102800096	GLASSKÅL EMP Ø 29 CM		X	10029	SODO	TREMPIE
5000297	883314153583	ASSIET SOLEIL 14,5 CM.		X	J1368	SODO	TREMPIE
5000299	883314121513	TALLERKEN/FAD OVAL		X	E8007	SODO	TREMPIE
5000320	26102273647	KANDE FLEUR 1,3 L	X		06919	SODO	RECUIT
5000362	26102523490	KANDE CLASSIQUE 1,3 L	X		52349	SODO	RECUIT
5000366	26102552391	KANDE PICHET 1,3 L.	X		C0214	SODO	RECUIT
5000368	26102593196	KANDE PICHET 0,5 L	X		C0215	SODO	RECUIT
5000380	26102284384	GLASKANDE TIVOLI 2,3 L	X		28438	SODO	RECUIT
5000382	26102703618	GLASKANDE GLAS QUADRO 1,1 L	X		70361	SODO	RECUIT
5000395	26102363416	GLASKANDE ARC BROC 0,5 L	X		36341	SODO	RECUIT
5000400	26102363584	GLASKANDE ARC BROC 1,0 L	X		36358	SODO	RECUIT
5000402	26102363669	GLASKANDE ARC BROC 1,3 L	X		36366	SODO	RECUIT
5000403	26102530610	GLASKANDE ARC BROC 1,6 L	X		53061	SODO	RECUIT
5000455	26102251102	VINKARAFFEL ARC 0,5 L ARC	X		C0197	SODO	RECUIT
5000456	26102330401	VINKARAFFEL ARC 0,5L LUMINARC	X		33040	SODO	RECUIT
5000460	26102396094	VINKARAFFEL ARC 1,0 L ARC	X		C0199	SODO	RECUIT
5000461	26102396094	VINKARAFFEL ARC 1 L LUMINARC	X		10291	SODO	RECUIT
5000555	26102009895	ØLKRUS BRITANIA 57 CL.	X		00989	SODO	RECUIT
5000560	26102600269	NORVEGE GLAS 16 CL		X	60026	SODO	TREMPIE
5000562	26102600245	NORVEGE GLAS 20 CL		X	60024	SODO	TREMPIE
5000564	26102616970	NORVEGE GLAS 25 CL		X	61697	SODO	TREMPIE
5000570	10026102043612	ØLKRUS HAWORTH 28 CL	X		04361	SODO	RECUIT

5000726	26102078068	ISLANDE DRINKSGLAS 29 CL HB	X	40342	SODO	N	RECUIT
5000728	26102078068	ISLANDE DRINKSGLAS 31 CL HB	X	J4227	SODO	N	RECUIT
5000732	26102124062	ISLANDE DRINKSGLAS 33 CL HB	X	J3310	SODO	N	RECUIT
5000733		ISLANDE DRINKSGLAS 30 CL OB	X	J4239	SODO	N	RECUIT
5000734	26102077979	ISLANDE DRINKSGLAS 36 CL HB	X	J4226	SODO	N	RECUIT
5000739	26102071250	ØLGLAS CERVOISE 32 CL	X	07134	SODO	N	RECUIT
5000740	26102071243	ØLGLAS CERVOISE 38 CL	X	07132	SODO	N	RECUIT
5000741	26102071236	ØLGLAS CERVOISE 50 CL ARC	X	07131	SODO	N	RECUIT
5000742	26102249482	ØLGLAS CERVOISE 62 CL	X	24941	SODO	N	RECUIT
5000743	883314138832	ØLGLAS CERVOISE 50 CL	X	E9342	SODO	N	RECUIT
5000748	883314141962	ØLGLAS WILLI BECHER 48 CL	X	E9538	SODO	N	RECUIT
5000750	26102863268	ØLGLAS NONIC 34 CL		43740	SODO	N	TREMPÉ
5000757	26102863251	ØLGLAS NONIC 28 CL		43716	SODO	N	TREMPÉ
5000758	26102346778	ØLGLAS NONIC 57 CL		49357	SODO	N	TREMPÉ
5000759	40026102246687	ØLGLAS WILLI BECHER 40 CL	X	24668	SODO	N	RECUIT
5000760	40026102246694	ØLGLAS WILLI BECHER 63 CL	X	24669	SODO	N	RECUIT
5000761	40026102246700	ØLGLAS WILLI BECHER 33 CL	X	24670	SODO	N	RECUIT
5000763	26102716946	BALLON HVIDVIN 15 CL.	X	11940	SODO	N	RECUIT
5000767	26102256275	CHAMPAGNEGLAS BALLON 17 CL	X	25626	SODO	N	RECUIT
5000769	26102761700	BALLON 9,5 CL	X	08876	SODO	N	RECUIT
5000771	26102716922	RØDVINGSLAS BALLON 25 CL	X	11937	SODO	N	RECUIT
5000772	26102716939	HVIDVINGSLAS BALLON 19 CL	X	11052	SODO	N	RECUIT
5000776	883314138726	BITTERGLAS HOT SHOT 3,4 CL	X	E9331	SODO	N	RECUIT
5000777	26102066126	COGNACGLAS DEGUSTATION 15 CL	X	01476	SODO	N	RECUIT
5000778	26102218839	BITTERGLAS HOT SHOT 3,4 CL	X	21554	SODO	N	RECUIT
5000780	26102504635	RØDVINGSLAS SAVOIE 35 CL	X	50463	SODO	N	RECUIT
5000782	26102761403	RØDVINGSLAS SAVOIE 24 CL	X	27778	SODO	N	RECUIT
5000784	26102760314	HVIDVINGSLAS SAVOIE 19 CL	X	27786	SODO	N	RECUIT
5000787	883314109931	COGNACGLAS OMEGA 72 CL	X	E7086	SODO	N	RECUIT + Trempe Buvant + LV
5000788	26102064542	COGNACGLAS DEGUSTATION 25 CL.	X	02458	SODO	N	RECUIT
5000789	26102626658	COGNACGLAS DEGUSTATION 41 CL.	X	62664	SODO	N	RECUIT
5000790	26102761410	CHAMPAGNEGLAS SAVOIE 17 CL.	X	27810	SODO	N	RECUIT
5000795	26102258880	VANDGLAS LINELY 33 CL HB	X	U1540	SODO	N	RECUIT + LV

5000796	26102258897	VANDGLAS LINELY 30 CL.	X	U1533	SODO	N	RECUIT + LV
5000797	26102259825	VINGLAS VERRE Á PIED LYRE 38CL	X	D1292	SODO	N	RECUIT + Trempe Buvant + LV
5000798	8833314138788	COGNACGLAS DEGUSTATION 25 CL.	X	E9337	SODO	N	RECUIT
5000799	8833314138771	COGNACGLAS DEGUSTATION 41 CL.	X	E9336	SODO	N	RECUIT
5000802	26102763148	ELEGANCE PORTVIN 6,5 CL	X	37264	SODO	N	RECUIT
5000804	26102763308	ELEGANCE HVIDVIN 12 CL	X	37439	SODO	N	RECUIT
5000806	26102763124	ELEGANCE HVIDVIN 14,5 CL	X	37249	SODO	N	RECUIT
5000807	26102763292	ELEGANCE CHAMPAGNEBOWLE 16 CL.	X	37652	SODO	N	RECUIT
5000808	26102763315	ELEGANCE CHAMPAGNEGLAS 17 CL	X	37298	SODO	N	RECUIT
5000810	26102763131	ELEGANCE RØDVIN 19 CL	X	37413	SODO	N	RECUIT
5000812	26102763285	ELEGANCE RØDVIN 24,5CL	X	37405	SODO	N	RECUIT
5000814	26102763278	ELEGANCE ØL/RØDVINSGLAS 31 CL	X	50143	SODO	N	RECUIT
5000850	40026102123797	SCOTLAND GLAS 17 CL.	X	12379	SODO	N	RECUIT
5000860	26102259689	CABERNET COCKTAIL 21 CL	X	58001	SODO	N	RECUIT + LV
5000861	26102468746	VIN DU RHIN 15,5 CL.	X	02448	SODO	N	RECUIT
5000862	883314018219	HAWAII COCKTAIL 44CL	X	E0530	SODO	N	RECUIT
5000864	26102259535	COCKTAIL MARGARITA 44 CL	X	62447	SODO	N	RECUIT + Trempe Buvant + LV
5000866	883314289978	NEW AMERICA 30 CL. OB	X	H1981	SODO	N	RECUIT
5000867	883314289954	NEW AMERICA 40 CL. OB	X	H1984	SODO	N	RECUIT
5000876	26102306482	LONGCHAMP CHAMPAGNE 14 CL	X	G5189	SODO	N	RECUIT + LV
5000879	26102949320	HURRICANE 25 CL	X	10770	SODO	N	RECUIT
5000880	26102845127	HURRICANE COCKTAIL 44 CL.	X	54584	SODO	N	RECUIT
5000890	26102421734	ELEGANCE KARAFFEL 1 L.	X	42173	SODO	N	RECUIT
5000892	26102763322	ELEGANCE CHAMPAGNE 13 CL	X	56416	SODO	N	RECUIT
5000910	26102245293	SIGNATURE RØDVIN 35CL.	X	24521	SODO	N	RECUIT
5000911	26102245163	SIGNATURE RØDVIN 25CL.	X	24414	SODO	N	RECUIT
5000912	26102243015	SIGNATURE HVIDVIN 19 CL.	X	24252	SODO	N	RECUIT
5000913	26102245200	SIGNATURE CHAMPAGNE 17 CL	X	24518	SODO	N	RECUIT
5000925	26102900888	OPEN UP SWEET 27 CL.	X	D1481	SODO	N	RECUIT + Trempe Buvant + LV
5000926	26102900635	OPEN UP UNIVERSAL 40 CL.	X	D1458	SODO	N	RECUIT + Trempe Buvant + LV
5000927	26102900451	OPEN UP TANNIC 55 CL.	X	E9041	SODO	N	RECUIT + Trempe Buvant + LV
5000928	26102880623	OPEN UP EFFERVESCENT 20 CL.	X	U1051	SODO	N	RECUIT + Trempe Buvant + LV
5000929	26102900246	OPEN UP ROUND 37 CL.	X	E9039	SODO	N	RECUIT + Trempe Buvant + LV

5000930	26102900840	OPEN UP SOFT 47 CL	X	X RIM	U1012	SODO	N	RECUIT + Trempe Buvant + LV
5000931	883314028461	OPEN UP VANDGLAS 38 CL.	X		U1033	SODO	N	RECUIT + LV
5000968	26102376850	IRISH COFFEE GLAS M/HANK 24 CL		X	37684	SODO	N	TREMPE
5000970	26102579695	IRISH COFFEE GLAS M/STREG 24CL	X		57966	SODO	N	RECUIT
5000980	26102432921	PORTIONSGLAS GLACE 21 CL	X		26671	SODO	N	RECUIT
5000990	883314291193	GLASSKÅL BANANA SPLIT	X		H2149	SODO	N	RECUIT
5001000	26102439210	PORTIONSGLAS SORBET COUPE 21CL	X		50998	SODO	N	RECUIT
5001005	26102432938	PORTIONSGLAS SORBET COUPE 38CL	X		43121	SODO	N	RECUIT
5001113	26102306451	LONGCHAMP VIN 25 CL	X		G5186	SODO	N	RECUIT
5001128	26102252833	SKÅL COCOON 6 CM.		X	41884	SODO	N	TREMPE
5001130	26102418826	SKÅL COCOON 12 CM.		X	41882	SODO	N	TREMPE
5001131	26102418413	SKÅL COCOON 15 CM.		X	41841	SODO	N	TREMPE
5001132	26102418796	SKÅL COCOON 18 CM.		X	41879	SODO	N	TREMPE
5001133	26102418772	SKÅL COCOON 21 CM.		X	41877	SODO	N	TREMPE
5001134	883314164459	SKÅL COCOON 24 CM.		X	G1698	SODO	N	TREMPE
5001135	883314160697	SKÅL COCOON 28 CM.		X	G1357	SODO	N	TREMPE
5001144	26102259511	PRIMARY TUMBLER 27 CL	X		G0036	SODO	N	RECUIT + LV
5001145	26102259610	PRIMARY TUMBLER 36 CL	X		G3322	SODO	N	RECUIT + LV
5001165	26102260005	CABERNET CHAMPAGNESKÅL 30 CL	X	X RIM	D6140	SODO	N	RECUIT + Trempe Buvant + LV
5001166	883314132083	CABERNET VIN JEUNES 35 CL	X	X RIM	E2788	SODO	N	RECUIT + Trempe Buvant + LV
5001167	883314132090	CABERNET VIN JEUNES 47 CL	X	X RIM	E2790	SODO	N	RECUIT + Trempe Buvant + LV
5001181	883314023367	OENOLOGUE CHAMPAGNE 26 CL	X	X RIM	U0952	SODO	N	RECUIT + Trempe Buvant + LV
5001189	26102579206	ROMAN RØDVIN 21 CL LUMINARC	X		E5068	SODO	N	RECUIT
5001190	26102585924	ROMAN RØDVIN 14 CL LUMINARC	X		E5069	SODO	N	RECUIT
5001209	26102307823	LONGCHAMP VANDGLAS 32 CL	X		G5077	SODO	N	RECUIT
5001210	26102306468	LONGCHAMP VINGLAS 17 CL	X		G5214	SODO	N	RECUIT + LV
5001211	26102545591	LONGCHAMP COGNAC 32 CL	X		G5218	SODO	N	RECUIT + Trempe Buvant + LV
5001213	26102589571	LONGCHAMP BITTER 6 CL	X	X RIM	G5223	SODO	N	RECUIT + LV
5001216	26102639412	LONGCHAMP SHOT GLAS 4,5 CL	X		G5228	SODO	N	RECUIT
5001217	26102589465	LONGCHAMP VANDGLAS 28 CL	X		G5157	SODO	N	RECUIT
5001220	26102589588	LONGCHAMP VINGLAS 12 CL	X		G5224	SODO	N	RECUIT + LV
5001222	26102595213	LONGCHAMP VANDGLAS 23 CL	X		G5225	SODO	N	RECUIT
5001223	26102805947	MASQUERADE RØDVIN 25CL	X		G5544	SODO	N	RECUIT

5001224	26102806562	MASQUERADE HVIDVIN 18CL	X
5001225	26102805671	MASQUERADE CHAMPAGNE 17CL	X
5001226	26102805978	MASQUERADE WHISKY 30CL	X
5001227	26102806005	MASQUERADE LONGDRINK 38CL	X
5001236	26102980194	ØLGLAS VERTIGE 35CL	X
5001253	10026102624514	KARAFFEL DECANTA 2 LITER	X
5001258	26102006306	SKÅL COSMOS 23 CM	X
5001260	26102006559	SKÅL COSMOS 17 CM	X
5001261	26102023884	SKÅL COSMOS 14 CM	X
5001263	26102068908	SKÅL COSMOS 10 CM	X
5001310	26102751466	CITRONPRESSER HÆRDET GLAS	X
5001315	26102710029	SMØRSKÅL M/KO	X
5001400	883314185195	OPBEVARINGSBOKS GLAS 370 ML	X
5001402	883314185201	OPBEVARINGSBOKS GLAS 760 ML	X
5001404	883314185218	OPBEVARINGSBOKS GLAS 1160 ML	X
5001406	883314185225	OPBEVARINGSBOKS GLAS 1890 ML	X
5002010	26102214541	SALT & PEBERBØSSE GLAS	X
5002325	26102418987	OCTIME KLAR LYSESTAGE	X
5002482	26102780459	BOLCHEGLAS POT CLUB 0,28LSMALL	X
5002484	26102582701	BOLCHEGLAS POT CLUB 0,5 L	X
5002486	26102635858	BOLCHEGLAS POT CLUB 0,75 L	X
5002488	26102569153	BOLCHEGLAS POT CLUB 1,0 L	X
5002489	26102713662	SYLTEGLAS, POT CONFITURE	X
5002490	26102582718	BOLCHEGLAS POT CLUB 1,5 L	X
5002492	26102348185	BOLCHEGLAS POT CLUB 1,5 L BIG	X
5002493	26102348192	BOLCHEGLAS POT CLUB 2,00 L BIG	X
5002500	26102855560	VANDGLAS SALTO BLUE 35CL HB	X
5002511	883314378252	PLANES SERVICE-GAVESÆT 3 DELE	X
5002520	26102855560	VANDGLAS SALTO BLUE 35CL HB	X
5002521	26102855577	VANDGLAS SALTO BLUE 32 CL OB	X
5002525	883314381498	KRUS FLASHY COLORS 32 CL.	X
5002526	883314381481	KRUS FLASHY COLORS 32 CL.	X
5002530	883314381542	FLASHY COLORS SKÅL 50 CL.	X

G5550	SODO	N	RECUIT
G5543	SODO	N	RECUIT
G5547	SODO	N	RECUIT
G5549	SODO	N	RECUIT
14781	SODO	N	RECUIT
62451	SODO	N	RECUIT
E8859	SODO	N	TREMPE
H5360	SODO	N	TREMPE
64091	SODO	N	TREMPE
30361	SODO	N	TREMPE
75146	SODO	N	RECUIT
73115	SODO	N	TREMPE
G8402	SODO	N	TREMPE
G8412	SODO	N	TREMPE
G8404	SODO	N	TREMPE
G8403	SODO	N	TREMPE
00633	SODO	N	RECUIT
41898	SODO	N	RECUIT
78045	SODO	N	RECUIT
11266	SODO	N	RECUIT
11972	SODO	N	RECUIT
12404	SODO	N	RECUIT
71989	SODO	N	RECUIT
12252	SODO	N	RECUIT
34818	SODO	N	RECUIT
34819	SODO	N	RECUIT
E8671	SODO	N	RECUIT
J0804	SODO	N	TREMPE
E8671	SODO	N	RECUIT
E8675	SODO	N	RECUIT
J1123	SODO	N	TREMPE
J1122	SODO	N	TREMPE
J1128	SODO	N	TREMPE

5002531	883314381528	FLASHY COLORS SKÅL 50 CL.	X	J1126	SODO	N	TREMPE
5002540	883314349788	VANDGLAS CRAZY COLORS 40 CL HB	X	H8221	SODO	N	RECUIT
5002541	883314350746	VANDGLAS CRAZY COLORS 30 CL OF	X	H8299	SODO	N	RECUIT
5002550	883314469394	LOUNGE CLUB VINGLAS 35 CL.	X	J9333	SODO	N	RECUIT + LV
5002551	883314469417	LOUNGE CLUB GLAS 38 CL. OB	X	J9334	SODO	N	RECUIT
5002552	883314321579	LOUNGE CLUB COCKTAIL 30 CL	X	H5399	SODO	N	RECUIT + LV
5002553	883314321593	LOUNGE CLUB CHAMPAGNE 22 CL	X	H5400	SODO	N	RECUIT
5002561	883314508253	SUBLYM VINGLAS 25 CL	X	L2609	SODO	N	RECUIT
5002562	883314508239	SUBLYM VINGLAS 35 CL.	X	L2761	SODO	N	RECUIT
5002564	883314508185	SUBLYM VINGLAS 55 CL	X	L2758	SODO	N	RECUIT
5002599	883314300291	KARAFFEL OPEN UP 1 L.	X	H3078	SODO	N	RECUIT
5010138	26102414156	OSTEKLOKKE 2 DELE GLAS Ø27 CM.	X	41415	SODO	N	RECUIT
5010250	883314140798	TALLERKEN VOLARE HVID 22,5 CM	X	E9169	SODO	N	TREMPE
5010251	883314140804	TALLERKEN VOLARE HVID 23 CM	X	E9167	SODO	N	TREMPE
5010252	883314140781	TALLERKEN VOLARE HVID 27 CM	X	E9171	SODO	N	TREMPE
5010253	883314153590	SKÅL VOLARE HVID 16 CM.	X	G0734	SODO	N	TREMPE
5010255	883314211399	SALATSKÅL VOLARE HVID 27 CM.	X	G5352	SODO	N	TREMPE
5010270	883314261202	TALLERKEN VOLARE SORT 22,5 CM	X	G9399	SODO	N	TREMPE
5010271	883314261233	TALLERKEN VOLARE SORT 23 CM	X	G9402	SODO	N	TREMPE
5010272	883314231946	TALLERKEN VOLARE SORT 27 CM	X	G7045	SODO	N	TREMPE
5010273	883314261240	SKÅL VOLARE SORT 16 CM.	X	J1410	SODO	N	TREMPE
5010510	26102252796	KRUS 29 CL	X	D6880	SODO	N	TREMPE
5010514	26102519462	KOP+UNDERKOP 16 CL ÆSKE Á 6	X	51946	SODO	N	TREMPE
5010516	26102521083	DESSERTTALLERKEN 19,5	X	H4124	SODO	N	TREMPE
5010518	26102286838	TALLERKEN FLAD 24,5 CM	X	D6890	SODO	N	TREMPE
5010520	26102285954	TALLERKEN DYB 22,5 CM	X	D6889	SODO	N	TREMPE
5010521	26102519172	OVALT FAD 35 CM	X	E9667	SODO	N	TREMPE
5010528	26102246443	OVERKOP 13 CL Ø: 7,0 H: 5,8	X	22795	SODO	N	TREMPE
5010530	26102246498	OVERKOP 19 CL Ø: 7,8 H: 6,5	X	22837	SODO	N	TREMPE
5010535	26102509579	UNDERKOP 14 CM	X	22720	SODO	N	TREMPE
5010540	26102511275	TALLERKEN FLAD 15,5 CM	X	22506	SODO	N	TREMPE
5010545	26102511428	DESSERTTALLERKEN 19,5CM	X	22530	SODO	N	TREMPE
5010550	26102511473	TALLERKEN DYB 22,6 CM	X	22514	SODO	N	TREMPE



GLASS DATA SHEET
CLEAR SODALIME GLASS

Ref.	CL/sl
Date	15/06/2012
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Last revision	New format	Approved by	Rodolphe DELAVAL
Issued by	Ivan LITVINENKO-MOREL		

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Chemical composition (Indicative average values in % of oxides)		Raw materials	Measurement method
SiO ₂	72.5%	Sand	Chemical analysis using X-ray fluorescence
Na ₂ O	13.5%	Sodium carbonate	
CaO	11%	Calcium carbonate	
Al ₂ O ₃	1.5%	Alumina / Feldspar	
MgO	1.5%	Dolomite	

PHYSICO-CHEMICAL PROPERTIES

Properties (Unit)	Value	Measurement method or Standards
Color (Lab* system)	94 < L* < 96 Iron content > 200 mg/kg (expressed in Fe ₂ O ₃)	Total transmission measurement with a spectrophotometer at 1cm in C 2° according to CIE 15:2004
Melting temperature (Tf) in °C (approx.)	1460	ISO 7884 (1987)
Transformation temperature (Tg) in °C	550	
Softening temperature (Pr) in °C	600	
Average thermal expansion coefficient (E ⁻⁷ K ⁻¹)	90 ± 3	ISO 7991 (1987) between 20°C and 300°C
Density	2.5	Pycnometer
Refractive index	1.52	Refractometer
Thermal conductivity (W.m ⁻¹ .K ⁻¹)	1.05 at 20°C	
Specific heat (cal.°C ⁻¹ .g ⁻¹)	0.24	

CHEMICAL DURABILITY

Durability	Class	Standard
Hydrolytic resistance at 98°C	HGB 3	ISO 719
Alkali resistance	A1	ISO 695
Acid resistance	1	DIN 12116

FUNCTIONAL USES

Use	Standard	Annealed	Tempered	ΔT 100
Dishwasher resistance	EN 12875-2	Yes	Yes	Yes
Thermal shock resistance	EN 1183	ΔT 50°C	ΔT 130°C	ΔT 100°C
Microwave oven	EN 15284	No	Yes	Yes
Oven	EN 13834	No	No	No
Hot plate / flame / ceramic hob	EN 12983-2	No	No	No



GLASS DATA SHEET
KWARX

Ref.	CL/si
Date	15/06/2012
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Last revision	New format	
Issued by	Ivan LITVINENKO-MOREL	Approved by Rodolphe DELAVAL

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Chemical composition (Indicative average values in % of oxides)		Raw materials	Measurement method
SiO ₂	72.5%	Sand	Chemical analysis using X-ray fluorescence
Na ₂ O	13.5%	Sodium carbonate	
CaO	11%	Calcium carbonate	
Al ₂ O ₃	1.5%	Alumina / Feldspar	
MgO	1.5%	Dolomite	

PHYSICO-CHEMICAL PROPERTIES

Properties (Unit)	Value	Measurement method or Standards
Color (Lab* system)	Clear glass L* ≥ 98 C* ≤ 0.5 Iron content ≤ 200 mg/kg (expressed in Fe ₂ O ₃)	According to IWA8 standard "Glass clarity" Internal transmission measurement with a spectrophotometer at 2 cm in D65 10°
Melting temperature (Tf) in °C (approx.)	1460	ISO 7884 (1987)
Transformation temperature (Tg) in °C	550	
Softening temperature (Pr) in °C	600	
Average thermal expansion coefficient (E ⁻⁷ K ⁻¹)	90 ± 3	ISO 7991 (1987) between 20°C and 300°C
Density	2.5	Pycnometer
Refractive index	1.52	Refractometer
Thermal conductivity (W.m ⁻¹ .K ⁻¹)	1.05 at 20°C	
Specific heat (cal.°C ⁻¹ .g ⁻¹)	0.24	

CHEMICAL DURABILITY

Durability	Class	Standard
Hydrolytic resistance at 98°C	HGB 3	ISO 719
Alkali resistance	A1	ISO 695
Acid resistance	1	DIN 12116

FUNCTIONAL USES

Use	Standard	Annealed
Dishwasher resistance	EN 12875-2	Yes
Resistance to thermal shock	EN 1183	ΔT 50°C
Microwave oven	EN 15284	No
Oven	EN 13834	No
Hot plate / flame / ceramic hob	EN 12983-2	No

KWARX'S ASSETS



→ One of the most* resistant glass materials
→ After more than 300 cycles in domestic dishwasher / 2000 cycles in industrial dishwasher*, Kwarx retains exceptional transparency and unaltered lustre.



→ Exceptional transparency and minimum discoloration rate





**GLASS DATA SHEET
ZENIX**

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Chemical composition (Indicative average values in % of oxides)		Raw materials	Measurement method
SiO ₂	72%	Sand	Chemical analysis using X-ray fluorescence
Na ₂ O	12%	Sodium carbonate	
CaO	1.5%	Calcium carbonate	
Al ₂ O ₃	8%	Alumina	
BaO	2.5%	Barium carbonate	
F ₂	5%	Sodiumfluosilicate	
K ₂ O	1.5%	Nepheline	

PHYSICO-CHEMICAL PROPERTIES

Properties (Unit)	Value	Measurement method or Standards
Color (Lab* system)	Opaque "bone" color	Total transmission measurement with a spectrophotometer at 1cm in D65 10° according to CIE 15:2004
Melting temperature (Tf) in °C (approx.)	1510	ISO 7884 (1987)
Transformation temperature (Tg) in °C	505	
Softening temperature (Pr) in °C	585	
Average thermal expansion coefficient (E ⁻⁷ K ⁻¹)	82 ± 3	ISO 7991 (1987) between 20°C and 300°C
Density	2.41	Pycnometer
Refractive index	1.47	Refractometer
Thermal conductivity (W.m ⁻¹ .K ⁻¹)	-	
Specific heat (cal.°C ⁻¹ .g ⁻¹)	0.24	

CHEMICAL DURABILITY

Durability	Class	Standard
Hydrolytic resistance at 98°C	HGB 2	ISO 719
Alkali resistance	A2	ISO 695
Acid resistance	1	DIN 12116

FUNCTIONAL USES

Use	Standard	Tempered
Dishwasher resistance	EN 12875-2	Yes
Resistance to thermal shock	EN 1183	ΔT 130°C
Microwave oven	EN 15284	Yes
Oven	EN 13834	No
Hot plate / flame / ceramic hob	EN 12983-2	No

ZENIX'S ASSETS



- Outstanding mechanical resistance
- Scratch resistance never reached before
- Premium Quality: both sides perfectly homogeneous
- Bone color: Elegant and natural. Subtle. warm color.

