





Fraunhofer TESTED® DEVICE SG Armaturen AS tempered glass Report No. SG 2303-1398

Statement of Qualification

Single product Chemical Resistance

Statement of Qualification • Single product

Customer	SG Produktion A/S Egestubben 16-26 5270 Odense N	Test result/Classification	The chemical resistance of tempered glass was classified according to ISO 4628-1 and VDI 2083 Part 17 with the following result:				
	Denmark		Chemical resistance	1h	3h	6h	24h
			Formalin 37 %	0	0	0	0
Component tested			Ammoniac 25 %	0	0	0	0
Category:	Materials		Hydrogen peroxide 30 %	0	0	0	0
			Sulfuric acid 5 %	0	0	0	0
Subcategory:	Ceramics/Glass		Phosphoric acid 30 %	0	0	0	0
Product name:	Tempered glass (manufacturing date: 3/2023; color: transparent; article number:		Peracetic acid 15 %	0	0	0	0
	0000267105)		Hydrochloric acid 5 %	0	0	0	0
			Isopropanol 100 %	0	0	0	0
Chemical resistance test			Sodium hydroxide 5 %	0	0	0	0
			Sodium hypochlorite 5 %	0	0	0	0
Standards/Guidelines: Testing equipment:	 VDI 2083 Part 17; ISO 2812-1; ISO 4628-1 The norms stated generally refer to the version valid at the time of the tests. Microscope 		The classification is based on a worst-case consideration. In the process, damage was assessed according to the classification system used in ISO 4628-1 and VDI 2083 Part 17:				
lesting equipment.	Camera						
Test environment parameters:	Temperature:		0 = excellent 3 = weal 1 = very good 4 = very 2 = good 5 = none	' weak			
Test procedure parameters:	Immersion method • Chemicals:Formalin 37 % Ammoniac 25 % Sulfuric acid 5 % Phosphoric acid 30 % Peracetic acid 15 % Isopropanol 100 % Sodium hydroxide 5 % Sodium hypochlorite 5 % • Incubation time:1h, 3h, 6h, 24h	and international standards. In cases where no nat	ests are calibrated at regular intervals; the tional standards exist, the test procedure i e test. The relevant documentation can b	egular intervals; their results can be traced back to national the test procedure implemented complies with the technical ocumentation can be viewed on request at any time.			
	Fraunhofer IPA	Department of Ultraclean Technology and Micromanufacturing Report Nobelstrasse 12 70569 Stuttgart on beh	2303-1398 ENO. first document ENO. current d		a p - 5 fi _ T v	ind is valid years from irst docume he docume rerified und	ne named ts original state for a period of n the date the ent was issued. ent can be

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