

# 产品质量证明书 MILL'S TEST CERTIFICATE

冠县众冠新材料材有限公司

GUANXIAN ZHONGGUAN NEW MATERIALS CO., LTD.

地址：中国山东聊城冠县新世纪工业园

Address:Guan Xian industry Park,Liaocheng,Shandong,China

订货单位 CUSTOMER		SAMSUNG C&T CORPORATION								钢号	GRADE 37					产品名称 PRODUCT		ZINCALUME STEEL SHEET	
收货单位 PURCHASER		SAMSUNG C&T CORPORATION									签发日期 DATE OF ISSUE		2025-5-1		合同号 CONTRACT NO.		ZG20250227954		
标准 SPECIFICATION		ASTM A792									化学成分 CHEMICAL COMPOSITION(%)					力学性能 MECHANIC PROPERTIES			
卷号 No.	重量 WEIGHT	片数	成品规格 Size(mm)	表面处理 surface treatment	盐雾试验 salt spray test	The composition of coating			镀层质量 coating mass (g/m <sup>2</sup> )	CHEMICAL COMPOSITION(%)					MECHANIC PROPERTIES				
						Al	Zn	Si		C	Mn	P	S	Si	R <sub>eL</sub> (N/mm <sup>2</sup> )	R <sub>m</sub> (N/mm <sup>2</sup> )	A (%)	HRB	
7954-001	4.476	560	0.35*1000*3000	Chromated	300h	55	43.4	1.6	155	0.032	0.22	0.008	0.009	0.01	265	375	28	62	
7954-002	4.49	560	0.35*1000*3000	Chromated	300h	55	43.4	1.6	152	0.033	0.23	0.008	0.009	0.01	260	380	30	65	
7954-003	4.514	560	0.35*1000*3000	Chromated	300h	55	43.4	1.6	153	0.032	0.21	0.009	0.009	0.01	265	380	29	65	
7954-004	4.516	560	0.35*1000*3000	Chromated	300h	55	43.4	1.6	151	0.032	0.21	0.009	0.009	0.01	265	375	30	63	
7954-005	4.504	560	0.35*1000*3000	Chromated	300h	55	43.4	1.6	156	0.031	0.25	0.007	0.01	0.01	255	380	30	64	
7954-006	4.518	560	0.35*1000*3000	Chromated	300h	55	43.4	1.6	154	0.035	0.26	0.008	0.009	0.01	250	370	29	61	
7954-007	4.526	560	0.35*1000*3000	Chromated	300h	55	43.4	1.6	153	0.032	0.22	0.008	0.009	0.01	265	380	30	65	
7954-008	4.514	560	0.35*1000*3000	Chromated	300h	55	43.4	1.6	152	0.033	0.23	0.008	0.009	0.01	265	375	28	62	
7954-009	4.502	560	0.35*1000*3000	Chromated	300h	55	43.4	1.6	155	0.032	0.21	0.009	0.009	0.01	260	380	30	65	
7954-010	4.504	560	0.35*1000*3000	Chromated	300h	55	43.4	1.6	154	0.031	0.25	0.007	0.01	0.01	265	380	29	65	
7954-011	4.512	560	0.35*1000*3000	Chromated	300h	55	43.4	1.6	155	0.032	0.22	0.008	0.009	0.01	265	375	30	63	
7954-012	4.504	560	0.35*1000*3000	Chromated	300h	55	43.4	1.6	152	0.033	0.23	0.008	0.009	0.01	255	380	30	64	
7954-013	4.494	560	0.35*1000*3000	Chromated	300h	55	43.4	1.6	153	0.032	0.21	0.009	0.009	0.01	265	375	30	63	
7954-014	4.502	560	0.35*1000*3000	Chromated	300h	55	43.4	1.6	151	0.032	0.21	0.009	0.009	0.01	255	380	30	64	
7954-015	4.516	560	0.35*1000*3000	Chromated	300h	55	43.4	1.6	156	0.031	0.25	0.007	0.01	0.01	250	370	29	61	
7954-016	4.48	560	0.35*1000*3000	Chromated	300h	55	43.4	1.6	154	0.035	0.26	0.008	0.009	0.01	260	375	31	63	
7954-017	4.522	560	0.35*1000*3000	Chromated	300h	55	43.4	1.6	153	0.032	0.22	0.008	0.009	0.01	265	380	30	65	
7954-018	4.504	560	0.35*1000*3000	Chromated	300h	55	43.4	1.6	152	0.033	0.23	0.008	0.009	0.01	265	375	28	62	
7954-019	4.524	560	0.35*1000*3000	Chromated	300h	55	43.4	1.6	155	0.032	0.21	0.009	0.009	0.01	260	380	30	65	
7954-020	4.498	560	0.35*1000*3000	Chromated	300h	55	43.4	1.6	154	0.033	0.23	0.008	0.009	0.01	260	380	30	65	
7954-021	4.514	560	0.35*1000*3000	Chromated	300h	55	43.4	1.6	155	0.032	0.21	0.009	0.009	0.01	265	380	29	65	
7954-022	4.502	560	0.35*1000*3000	Chromated	300h	55	43.4	1.6	152	0.035	0.26	0.008	0.009	0.01	265	375	30	63	
7954-023	3.984	499	0.35*1000*3000	Chromated	300h	55	43.4	1.6	153	0.03	0.22	0.008	0.008	0.01	255	380	30	64	
7954-040	4.564	490	0.4*1000*3000	Chromated	300h	55	43.4	1.6	151	0.032	0.22	0.008	0.009	0.01	265	375	30	63	
7954-041	4.59	490	0.4*1000*3000	Chromated	300h	55	43.4	1.6	156	0.032	0.22	0.008	0.009	0.01	255	380	30	64	
7954-042	4.566	490	0.4*1000*3000	Chromated	300h	55	43.4	1.6	154	0.033	0.23	0.008	0.009	0.01	250	370	29	61	



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标准 SPECIFICATION		ASTM A792														合同号 CONTRACT NO.		ZG20250227954	
卷号 No.	重量 WEIGHT	片数	成品规格 Size (mm)	表面处理 surface treatment	盐雾试验 salt spray test	镀层成分 The composition of coating			镀层质量 coating mass (g/m <sup>2</sup> )	化学成分 CHEMICAL COMPOSITION(%)					力学性能 MECHANIC PROPERTIES				
						Al	Zn	Si		C	Mn	P	S	Si	R <sub>eL</sub> (N/mm <sup>2</sup> )	R <sub>m</sub> (N/mm <sup>2</sup> )	A (%)	HRB	
7954-043	4.568	490	0.4*1000*3000	Chromated	300h	55	43.4	1.6	153	0.032	0.22	0.008	0.009	0.01	265	375	28	62	
7954-044	4.524	490	0.4*1000*3000	Chromated	300h	55	43.4	1.6	152	0.033	0.23	0.008	0.009	0.01	260	380	30	65	
7954-045	4.2	452	0.4*1000*3000	Chromated	300h	55	43.4	1.6	155	0.032	0.21	0.009	0.009	0.01	265	380	29	65	
7594-030	4.576	490	0.4*1000*3000	Chromated	300h	55	43.4	1.6	154	0.032	0.21	0.009	0.009	0.01	265	375	30	63	
7594-031	4.568	490	0.4*1000*3000	Chromated	300h	55	43.4	1.6	155	0.031	0.25	0.007	0.01	0.01	255	380	30	64	
7594-032	4.56	490	0.4*1000*3000	Chromated	300h	55	43.4	1.6	152	0.035	0.26	0.008	0.009	0.01	250	370	29	61	
7594-033	4.532	490	0.4*1000*3000	Chromated	300h	55	43.4	1.6	153	0.032	0.22	0.008	0.009	0.01	265	380	30	65	
7594-034	4.568	490	0.4*1000*3000	Chromated	300h	55	43.4	1.6	151	0.033	0.23	0.008	0.009	0.01	265	375	28	62	
7594-035	4.576	490	0.4*1000*3000	Chromated	300h	55	43.4	1.6	156	0.033	0.23	0.008	0.009	0.01	260	380	30	65	
7954-024	4.574	490	0.4*1000*3000	Chromated	300h	55	43.4	1.6	154	0.032	0.21	0.009	0.009	0.01	265	380	29	65	
7954-025	4.56	490	0.4*1000*3000	Chromated	300h	55	43.4	1.6	153	0.032	0.21	0.009	0.009	0.01	265	375	30	63	
7954-026	4.576	490	0.4*1000*3000	Chromated	300h	55	43.4	1.6	152	0.031	0.25	0.007	0.01	0.01	255	380	30	64	
7954-027	4.578	490	0.4*1000*3000	Chromated	300h	55	43.4	1.6	155	0.035	0.26	0.008	0.009	0.01	250	370	29	61	
7954-028	4.574	490	0.4*1000*3000	Chromated	300h	55	43.4	1.6	154	0.032	0.22	0.008	0.009	0.01	265	380	30	65	
7954-029	4.572	490	0.4*1000*3000	Chromated	300h	55	43.4	1.6	155	0.032	0.22	0.008	0.009	0.01	265	375	28	62	
7594-036	4.574	490	0.4*1000*3000	Chromated	300h	55	43.4	1.6	152	0.033	0.23	0.008	0.009	0.01	260	380	30	65	
7594-037	4.58	490	0.4*1000*3000	Chromated	300h	55	43.4	1.6	153	0.032	0.21	0.009	0.009	0.01	265	380	29	65	
7594-038	4.568	490	0.4*1000*3000	Chromated	300h	55	43.4	1.6	151	0.032	0.21	0.009	0.009	0.01	265	375	30	63	
7594-039	4.56	490	0.4*1000*3000	Chromated	300h	55	43.4	1.6	156	0.031	0.25	0.007	0.01	0.01	255	380	30	64	
	203.228																		

NOTE: 1、ReL : lower yield strength    Rm : tensile strength    A: percentage elongation after fracture  
2、1 N/mm2=1 MPa

证明本表所列制品, 均依材料规格制造及试验, 并符合规格之要求  
WE HEREBY CERTIFY THAT THE MATERIAL DESCRIBED HEREIN HAS BEEN MANUFACTURED AND TESTED WITH SATISFACTORY RESULT IN ACCORDANCE WITH THE REQUIREMENT OF THE ABOVE MATERIAL SPECIFICATION.

