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产品质量证明书
MILL'S TEST CERTIFICATE

冠县仁泽复合材料有限公司
GUANXIAN RENZE COMPOSITE 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	CSB				产品名称 PRODUCT		Hot Dipped Galvanized Steel in Sheet	
收货单位 PURCHASER		SAMSUNG C&T CORPORATION												签发日期 DATE OF ISSUE		2024-8-7	
标准 SPECIFICATION		ASTM A653												合同号 CONTRACT NO.		RZ202405213071	
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		镀层质量 coating mass (g/m ²)	化学成分 CHEMICAL COMPOSITION(%)				力学性能 MECHANIC PROPERTIES				
						Al	Zn		C	Mn	P	S	R _{el} (N/mm ²)	R _m (N/mm ²)	A (%)	HRB	
141	1.9	53	1.5*1000*3000	Chromated	72h	0.9	99.1	183	0.032	0.22	0.008	0.009	340	395	30	65	
142	1.872	52	1.5*1000*3000	Chromated	72h	0.9	99.1	186	0.033	0.23	0.008	0.009	348	400	29	66	
143	1.9	53	1.5*1000*3000	Chromated	72h	0.9	99.1	184	0.032	0.21	0.009	0.009	345	395	28	63	
144	1.908	53	1.5*1000*3000	Chromated	72h	0.9	99.1	182	0.031	0.25	0.007	0.01	350	398	29	64	
145	1.9	53	1.5*1000*3000	Chromated	72h	0.9	99.1	185	0.035	0.26	0.008	0.009	345	400	30	66	
146	1.9	53	1.5*1000*3000	Chromated	72h	0.9	99.1	184	0.03	0.22	0.008	0.008	340	395	29	65	
147	1.874	53	1.5*1000*3000	Chromated	72h	0.9	99.1	186	0.032	0.22	0.008	0.009	342	400	30	66	
148	1.904	53	1.5*1000*3000	Chromated	72h	0.9	99.1	182	0.032	0.22	0.008	0.009	345	395	30	63	
149	1.9	53	1.5*1000*3000	Chromated	72h	0.9	99.1	184	0.032	0.22	0.008	0.009	340	392	30	64	
150	1.908	53	1.5*1000*3000	Chromated	72h	0.9	99.1	187	0.032	0.22	0.008	0.009	346	395	30	65	
151	1.906	53	1.5*1000*3000	Chromated	72h	0.9	99.1	183	0.033	0.23	0.008	0.009	340	400	29	66	
152	1.91	53	1.5*1000*3000	Chromated	72h	0.9	99.1	183	0.032	0.21	0.009	0.009	345	395	28	63	
153	1.91	53	1.5*1000*3000	Chromated	72h	0.9	99.1	186	0.031	0.25	0.007	0.01	340	400	29	64	
154	1.9	53	1.5*1000*3000	Chromated	72h	0.9	99.1	184	0.035	0.26	0.008	0.009	348	395	30	66	
155	1.91	53	1.5*1000*3000	Chromated	72h	0.9	99.1	182	0.03	0.22	0.008	0.008	345	398	29	65	
156	1.906	53	1.5*1000*3000	Chromated	72h	0.9	99.1	185	0.032	0.22	0.008	0.009	350	400	30	66	
157	1.91	53	1.5*1000*3000	Chromated	72h	0.9	99.1	184	0.032	0.22	0.008	0.009	345	395	30	63	
158	1.908	53	1.5*1000*3000	Chromated	72h	0.9	99.1	186	0.032	0.22	0.008	0.009	340	400	30	64	
159	1.908	53	1.5*1000*3000	Chromated	72h	0.9	99.1	182	0.032	0.22	0.008	0.009	342	395	30	65	
160	1.91	53	1.5*1000*3000	Chromated	72h	0.9	99.1	184	0.032	0.22	0.008	0.009	345	392	30	65	
161	1.904	53	1.5*1000*3000	Chromated	72h	0.9	99.1	187	0.033	0.23	0.008	0.009	340	395	29	66	



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

订货单位 CUSTOMER		SAMSUNG C&T CORPORATION							钢号	CSB				产品名称 PRODUCT		Hot Dipped Galvanized Steel in Sheet	
收货单位 PURCHASER		SAMSUNG C&T CORPORATION												签发日期 DATE OF ISSUE		2024-8-7	
标准 SPECIFICATION		ASTM A653												合同号 CONTRACT NO.		RZ202405213071	
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		镀层质量 coating mass (g/m ²)	化学成分 CHEMICAL COMPOSITION(%)				力学性能 MECHANIC PROPERTIES				
						Al	Zn		C	Mn	P	S	R_{el} (N/mm ²)	R_m (N/mm ²)	A (%)	HRB	
162	1.908	53	1.5*1000*3000	Chromated	72h	0.9	99.1	183	0.032	0.21	0.009	0.009	346	400	28	63	
163	1.908	53	1.5*1000*3000	Chromated	72h	0.9	99.1	183	0.031	0.25	0.007	0.01	340	395	29	64	
164	1.94	54	1.5*1000*3000	Chromated	72h	0.9	99.1	186	0.035	0.26	0.008	0.009	345	400	30	66	
165	1.906	53	1.5*1000*3000	Chromated	72h	0.9	99.1	184	0.03	0.22	0.008	0.008	340	395	29	65	
166	1.628	45	1.5*1000*3000	Chromated	72h	0.9	99.1	182	0.032	0.22	0.008	0.009	348	398	30	66	
167	1.922	67	1.2*1000*3000	Chromated	72h	0.9	99.1	185	0.032	0.22	0.008	0.009	345	400	30	63	
168	1.922	67	1.2*1000*3000	Chromated	72h	0.9	99.1	184	0.032	0.22	0.008	0.009	350	395	30	64	
169	1.922	67	1.2*1000*3000	Chromated	72h	0.9	99.1	186	0.032	0.22	0.008	0.009	342	400	30	66	
170	1.924	67	1.2*1000*3000	Chromated	72h	0.9	99.1	182	0.032	0.22	0.008	0.009	345	395	30	63	
171	1.922	67	1.2*1000*3000	Chromated	72h	0.9	99.1	184	0.032	0.22	0.008	0.009	340	392	30	64	
172	1.92	67	1.2*1000*3000	Chromated	72h	0.9	99.1	187	0.032	0.22	0.008	0.009	340	395	30	65	
173	1.92	67	1.2*1000*3000	Chromated	72h	0.9	99.1	183	0.033	0.23	0.008	0.009	348	400	29	66	
174	1.926	67	1.2*1000*3000	Chromated	72h	0.9	99.1	183	0.032	0.21	0.009	0.009	345	395	28	63	
175	1.926	67	1.2*1000*3000	Chromated	72h	0.9	99.1	186	0.031	0.25	0.007	0.01	350	398	29	64	
176	1.926	67	1.2*1000*3000	Chromated	72h	0.9	99.1	184	0.035	0.26	0.008	0.009	345	400	30	66	
177	1.926	67	1.2*1000*3000	Chromated	72h	0.9	99.1	182	0.03	0.22	0.008	0.008	340	395	29	65	
178	1.926	67	1.2*1000*3000	Chromated	72h	0.9	99.1	185	0.032	0.22	0.008	0.009	342	400	30	66	
179	1.926	67	1.2*1000*3000	Chromated	72h	0.9	99.1	184	0.032	0.22	0.008	0.009	345	395	30	63	
180	1.896	66	1.2*1000*3000	Chromated	72h	0.9	99.1	186	0.032	0.22	0.008	0.009	340	392	30	64	
181	1.896	66	1.2*1000*3000	Chromated	72h	0.9	99.1	182	0.032	0.22	0.008	0.009	346	395	30	65	
182	1.89	66	1.2*1000*3000	Chromated	72h	0.9	99.1	184	0.033	0.23	0.008	0.009	340	400	29	66	



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订货单位 CUSTOMER		SAMSUNG C&T CORPORATION							钢号	CSB				产品名称 PRODUCT		Hot Dipped Galvanized Steel in Sheet	
收货单位 PURCHASER		SAMSUNG C&T CORPORATION												签发日期 DATE OF ISSUE		2024-8-7	
标准 SPECIFICATION		ASTM A653												合同号 CONTRACT NO.		RZ202405213071	
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		镀层质量 coating mass (g/m ²)	化学成分 CHEMICAL COMPOSITION(%)				力学性能 MECHANIC PROPERTIES				
						Al	Zn		C	Mn	P	S	R_{el} (N/mm ²)	R_m (N/mm ²)	A (%)	HRB	
183	1.89	66	1.2*1000*3000	Chromated	72h	0.9	99.1	187	0.032	0.21	0.009	0.009	345	395	28	63	
184	1.894	66	1.2*1000*3000	Chromated	72h	0.9	99.1	183	0.031	0.25	0.007	0.01	340	400	29	64	
185	1.89	66	1.2*1000*3000	Chromated	72h	0.9	99.1	183	0.035	0.26	0.008	0.009	348	395	30	66	
186	1.89	66	1.2*1000*3000	Chromated	72h	0.9	99.1	186	0.03	0.22	0.008	0.008	345	398	29	65	
187	1.896	66	1.2*1000*3000	Chromated	72h	0.9	99.1	184	0.032	0.22	0.008	0.009	350	400	30	66	
188	1.894	66	1.2*1000*3000	Chromated	72h	0.9	99.1	182	0.032	0.22	0.008	0.009	345	395	30	63	
189	1.89	66	1.2*1000*3000	Chromated	72h	0.9	99.1	185	0.032	0.22	0.008	0.009	340	400	30	64	
190	1.894	66	1.2*1000*3000	Chromated	72h	0.9	99.1	184	0.032	0.22	0.008	0.009	342	395	30	65	
191	1.976	69	1.2*1000*3000	Chromated	72h	0.9	99.1	186	0.032	0.22	0.008	0.009	345	392	30	65	
192	1.98	69	1.2*1000*3000	Chromated	72h	0.9	99.1	182	0.033	0.23	0.008	0.009	340	395	29	66	
193	1.94	81	1*1000*3000	Chromated	72h	0.9	99.1	184	0.032	0.21	0.009	0.009	346	400	28	63	
194	1.94	81	1*1000*3000	Chromated	72h	0.9	99.1	187	0.031	0.25	0.007	0.01	340	395	29	64	
195	1.94	81	1*1000*3000	Chromated	72h	0.9	99.1	183	0.035	0.26	0.008	0.009	345	400	30	66	
196	1.94	81	1*1000*3000	Chromated	72h	0.9	99.1	183	0.03	0.22	0.008	0.008	340	395	29	65	
197	1.936	81	1*1000*3000	Chromated	72h	0.9	99.1	186	0.032	0.22	0.008	0.009	348	398	30	66	
198	1.934	81	1*1000*3000	Chromated	72h	0.9	99.1	184	0.032	0.22	0.008	0.009	345	400	30	63	
199	1.936	81	1*1000*3000	Chromated	72h	0.9	99.1	182	0.032	0.22	0.008	0.009	350	395	30	64	
200	1.934	81	1*1000*3000	Chromated	72h	0.9	99.1	185	0.032	0.22	0.008	0.009	342	400	30	66	
201	1.914	81	1*1000*3000	Chromated	72h	0.9	99.1	184	0.032	0.22	0.008	0.009	345	395	30	63	
202	1.94	81	1*1000*3000	Chromated	72h	0.9	99.1	186	0.032	0.22	0.008	0.009	340	392	30	64	
203	1.94	81	1*1000*3000	Chromated	72h	0.9	99.1	182	0.032	0.22	0.008	0.009	346	395	30	65	



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订货单位 CUSTOMER		SAMSUNG C&T CORPORATION							钢号	CSB				产品名称 PRODUCT		Hot Dipped Galvanized Steel in Sheet	
收货单位 PURCHASER		SAMSUNG C&T CORPORATION												签发日期 DATE OF ISSUE		2024-8-7	
标准 SPECIFICATION		ASTM A653												合同号 CONTRACT NO.		RZ202405213071	
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		镀层质量 coating mass (g/m ²)	化学成分 CHEMICAL COMPOSITION(%)				力学性能 MECHANIC PROPERTIES				
						Al	Zn		C	Mn	P	S	R _{el} (N/mm ²)	R _m (N/mm ²)	A(%)	HRB	
204	1.94	81	1*1000*3000	Chromated	72h	0.9	99.1	184	0.033	0.23	0.008	0.009	340	400	29	66	
205	1.944	81	1*1000*3000	Chromated	72h	0.9	99.1	187	0.032	0.21	0.009	0.009	345	395	28	63	
206	1.94	81	1*1000*3000	Chromated	72h	0.9	99.1	183	0.031	0.25	0.007	0.01	340	400	29	64	
207	1.94	81	1*1000*3000	Chromated	72h	0.9	99.1	183	0.035	0.26	0.008	0.009	348	395	30	66	
208	1.94	81	1*1000*3000	Chromated	72h	0.9	99.1	186	0.03	0.22	0.008	0.008	345	398	29	65	
209	1.94	81	1*1000*3000	Chromated	72h	0.9	99.1	184	0.032	0.22	0.008	0.009	350	400	30	66	
210	1.944	81	1*1000*3000	Chromated	72h	0.9	99.1	182	0.032	0.22	0.008	0.009	345	395	30	63	
211	1.94	81	1*1000*3000	Chromated	72h	0.9	99.1	185	0.032	0.22	0.008	0.009	340	400	30	64	
212	1.94	81	1*1000*3000	Chromated	72h	0.9	99.1	184	0.033	0.23	0.008	0.009	348	400	29	66	
213	1.946	81	1*1000*3000	Chromated	72h	0.9	99.1	186	0.032	0.21	0.009	0.009	345	395	28	63	
214	1.94	81	1*1000*3000	Chromated	72h	0.9	99.1	182	0.031	0.25	0.007	0.01	350	398	29	64	
215	1.94	81	1*1000*3000	Chromated	72h	0.9	99.1	184	0.035	0.26	0.008	0.009	345	400	30	66	
216	1.94	81	1*1000*3000	Chromated	72h	0.9	99.1	187	0.03	0.22	0.008	0.008	340	395	29	65	
217	1.78	74	1*1000*3000	Chromated	72h	0.9	99.1	183	0.032	0.22	0.008	0.009	342	400	30	66	
218	1.944	102	0.8*1000*3000	Chromated	72h	0.9	99.1	183	0.032	0.22	0.008	0.009	345	395	30	63	
219	1.944	102	0.8*1000*3000	Chromated	72h	0.9	99.1	186	0.032	0.22	0.008	0.009	340	392	30	64	
220	1.946	102	0.8*1000*3000	Chromated	72h	0.9	99.1	184	0.032	0.22	0.008	0.009	346	395	30	65	
221	1.946	102	0.8*1000*3000	Chromated	72h	0.9	99.1	182	0.033	0.23	0.008	0.009	340	400	29	66	
222	1.95	102	0.8*1000*3000	Chromated	72h	0.9	99.1	185	0.032	0.21	0.009	0.009	345	395	28	63	
223	1.946	102	0.8*1000*3000	Chromated	72h	0.9	99.1	184	0.031	0.25	0.007	0.01	340	400	29	64	
224	1.946	102	0.8*1000*3000	Chromated	72h	0.9	99.1	186	0.035	0.26	0.008	0.009	348	395	30	66	



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						Al	Zn		C	Mn	P	S	R_{el} (N/mm ²)	R_m (N/mm ²)	A (%)	HRB	
225	1.942	102	0.8*1000*3000	Chromated	72h	0.9	99.1	182	0.032	0.22	0.008	0.009	346	395	30	65	
226	1.946	102	0.8*1000*3000	Chromated	72h	0.9	99.1	184	0.032	0.22	0.008	0.009	340	395	30	65	
227	1.946	102	0.8*1000*3000	Chromated	72h	0.9	99.1	187	0.033	0.23	0.008	0.009	348	400	29	66	
228	1.946	102	0.8*1000*3000	Chromated	72h	0.9	99.1	183	0.032	0.21	0.009	0.009	345	395	28	63	
229	1.946	102	0.8*1000*3000	Chromated	72h	0.9	99.1	183	0.031	0.25	0.007	0.01	350	398	29	64	
230	1.946	102	0.8*1000*3000	Chromated	72h	0.9	99.1	186	0.035	0.26	0.008	0.009	345	400	30	66	
231	1.944	102	0.8*1000*3000	Chromated	72h	0.9	99.1	184	0.03	0.22	0.008	0.008	340	395	29	65	
232	1.942	102	0.8*1000*3000	Chromated	72h	0.9	99.1	182	0.032	0.22	0.008	0.009	342	400	30	66	
233	1.942	102	0.8*1000*3000	Chromated	72h	0.9	99.1	185	0.032	0.22	0.008	0.009	345	395	30	63	
234	1.944	102	0.8*1000*3000	Chromated	72h	0.9	99.1	184	0.032	0.22	0.008	0.009	340	392	30	64	
235	1.94	102	0.8*1000*3000	Chromated	72h	0.9	99.1	186	0.032	0.22	0.008	0.009	346	395	30	65	
236	1.94	102	0.8*1000*3000	Chromated	72h	0.9	99.1	182	0.033	0.23	0.008	0.009	340	400	29	66	
237	1.94	102	0.8*1000*3000	Chromated	72h	0.9	99.1	184	0.032	0.21	0.009	0.009	345	395	28	63	
238	1.94	102	0.8*1000*3000	Chromated	72h	0.9	99.1	187	0.031	0.25	0.007	0.01	340	400	29	64	
239	1.944	102	0.8*1000*3000	Chromated	72h	0.9	99.1	183	0.035	0.26	0.008	0.009	348	395	30	66	
240	1.944	102	0.8*1000*3000	Chromated	72h	0.9	99.1	183	0.03	0.22	0.008	0.008	345	398	29	65	
241	1.94	102	0.8*1000*3000	Chromated	72h	0.9	99.1	186	0.032	0.22	0.008	0.009	350	400	30	66	
242	1.944	102	0.8*1000*3000	Chromated	72h	0.9	99.1	184	0.032	0.22	0.008	0.009	345	395	30	63	
243	1.812	95	0.8*1000*3000	Chromated	72h	0.9	99.1	182	0.032	0.22	0.008	0.009	340	400	30	64	
244	1.942	164	0.5*1000*3000	Chromated	72h	0.9	99.1	185	0.032	0.22	0.008	0.009	342	395	30	65	
245	1.94	164	0.5*1000*3000	Chromated	72h	0.9	99.1	184	0.032	0.22	0.008	0.009	345	392	30	65	



产品质量证明书

MILL'S TEST CERTIFICATE

冠县仁泽复合材料有限公司
 GUANXIAN RENZE COMPOSITE 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	CSB				产品名称 PRODUCT		Hot Dipped Galvanized Steel in Sheet	
收货单位 PURCHASER		SAMSUNG C&T CORPORATION								DATE OF ISSUE				2024-8-7			
标准 SPECIFICATION		ASTM A653								CONTRACT NO.				RZ202405213071			
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		镀层质量 coating mass (g/m ²)	化学成分 CHEMICAL COMPOSITION(%)				力学性能 MECHANIC PROPERTIES				
						Al	Zn		C	Mn	P	S	R _{el} (N/mm ²)	R _m (N/mm ²)	A (%)	HRB	
246	2	167	0.5*1000*3000	Chromated	72h	0.9	99.1	186	0.033	0.23	0.008	0.009	340	395	29	66	
247	1.934	164	0.5*1000*3000	Chromated	72h	0.9	99.1	182	0.032	0.21	0.009	0.009	346	400	28	63	
248	1.936	164	0.5*1000*3000	Chromated	72h	0.9	99.1	184	0.031	0.25	0.007	0.01	340	395	29	64	
249	1.946	164	0.5*1000*3000	Chromated	72h	0.9	99.1	187	0.035	0.26	0.008	0.009	345	400	30	66	
250	1.936	164	0.5*1000*3000	Chromated	72h	0.9	99.1	183	0.03	0.22	0.008	0.008	340	395	29	65	
251	1.94	164	0.5*1000*3000	Chromated	72h	0.9	99.1	183	0.032	0.22	0.008	0.009	348	398	30	66	
252	1.936	164	0.5*1000*3000	Chromated	72h	0.9	99.1	186	0.032	0.22	0.008	0.009	345	400	30	63	
253	1.94	164	0.5*1000*3000	Chromated	72h	0.9	99.1	184	0.032	0.22	0.008	0.009	350	395	30	64	
254	1.938	164	0.5*1000*3000	Chromated	72h	0.9	99.1	182	0.032	0.22	0.008	0.009	342	400	30	66	
255	1.94	164	0.5*1000*3000	Chromated	72h	0.9	99.1	185	0.032	0.22	0.008	0.009	345	395	30	63	
256	1.92	163	0.5*1000*3000	Chromated	72h	0.9	99.1	184	0.032	0.22	0.008	0.009	340	392	30	64	
257	1.946	164	0.5*1000*3000	Chromated	72h	0.9	99.1	186	0.032	0.22	0.008	0.009	346	395	30	65	
258	1.938	164	0.5*1000*3000	Chromated	72h	0.9	99.1	182	0.033	0.23	0.008	0.009	340	400	29	66	
259	1.942	164	0.5*1000*3000	Chromated	72h	0.9	99.1	184	0.032	0.21	0.009	0.009	345	395	28	63	
260	1.942	164	0.5*1000*3000	Chromated	72h	0.9	99.1	187	0.031	0.25	0.007	0.01	340	400	29	64	
261	1.944	164	0.5*1000*3000	Chromated	72h	0.9	99.1	183	0.035	0.26	0.008	0.009	348	395	30	66	
262	1.938	164	0.5*1000*3000	Chromated	72h	0.9	99.1	183	0.03	0.22	0.008	0.008	345	398	29	65	
263	1.94	164	0.5*1000*3000	Chromated	72h	0.9	99.1	186	0.032	0.22	0.008	0.009	350	400	30	66	
264	1.938	164	0.5*1000*3000	Chromated	72h	0.9	99.1	184	0.032	0.22	0.008	0.009	345	395	30	63	
265	1.926	164	0.5*1000*3000	Chromated	72h	0.9	99.1	182	0.032	0.22	0.008	0.009	340	400	30	64	
266	1.924	164	0.5*1000*3000	Chromated	72h	0.9	99.1	185	0.033	0.23	0.008	0.009	348	400	29	66	



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

订货单位 CUSTOMER		SAMSUNG C&T CORPORATION							钢号	CSB				产品名称 PRODUCT		Hot Dipped Galvanized Steel in Sheet	
收货单位 PURCHASER		SAMSUNG C&T CORPORATION												签发日期 DATE OF ISSUE		2024-8-7	
标准 SPECIFICATION		ASTM A653												合同号 CONTRACT NO.		RZ202405213071	
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		镀层质量 coating mass (g/m ²)	化学成分 CHEMICAL COMPOSITION(%)				力学性能 MECHANIC PROPERTIES				
						Al	Zn		C	Mn	P	S	R _{el} (N/mm ²)	R _m (N/mm ²)	A (%)	HRB	
267	1.926	164	0.5*1000*3000	Chromated	72h	0.9	99.1	184	0.032	0.21	0.009	0.009	345	395	28	63	
268	1.926	164	0.5*1000*3000	Chromated	72h	0.9	99.1	186	0.031	0.25	0.007	0.01	350	398	29	64	
269	1.936	164	0.5*1000*3000	Chromated	72h	0.9	99.1	182	0.035	0.26	0.008	0.009	345	400	30	66	
270	1.94	164	0.5*1000*3000	Chromated	72h	0.9	99.1	184	0.03	0.22	0.008	0.008	340	395	29	65	
271	1.94	164	0.5*1000*3000	Chromated	72h	0.9	99.1	187	0.032	0.22	0.008	0.009	342	400	30	66	
272	1.94	164	0.5*1000*3000	Chromated	72h	0.9	99.1	183	0.032	0.22	0.008	0.009	345	395	30	63	
273	1.94	164	0.5*1000*3000	Chromated	72h	0.9	99.1	183	0.032	0.22	0.008	0.009	340	392	30	64	
274	1.94	164	0.5*1000*3000	Chromated	72h	0.9	99.1	186	0.032	0.22	0.008	0.009	346	395	30	65	
275	1.94	164	0.5*1000*3000	Chromated	72h	0.9	99.1	184	0.033	0.23	0.008	0.009	340	400	29	66	
276	1.94	164	0.5*1000*3000	Chromated	72h	0.9	99.1	182	0.032	0.21	0.009	0.009	345	395	28	63	
277	1.936	164	0.5*1000*3000	Chromated	72h	0.9	99.1	185	0.031	0.25	0.007	0.01	340	400	29	64	
278	1.926	164	0.5*1000*3000	Chromated	72h	0.9	99.1	184	0.035	0.26	0.008	0.009	348	395	30	66	
279	1.934	164	0.5*1000*3000	Chromated	72h	0.9	99.1	186	0.033	0.23	0.008	0.009	340	400	29	66	
280	1.936	164	0.5*1000*3000	Chromated	72h	0.9	99.1	182	0.032	0.21	0.009	0.009	345	395	28	63	
281	1.936	164	0.5*1000*3000	Chromated	72h	0.9	99.1	184	0.031	0.25	0.007	0.01	340	400	29	64	
282	1.938	164	0.5*1000*3000	Chromated	72h	0.9	99.1	187	0.035	0.26	0.008	0.009	348	395	30	66	
284	1.94	164	0.5*1000*3000	Chromated	72h	0.9	99.1	183	0.032	0.22	0.008	0.009	340	395	30	65	
285	1.766	150	0.5*1000*3000	Chromated	72h	0.9	99.1	183	0.033	0.23	0.008	0.009	348	400	29	66	
286	1.77	150	0.5*1000*3000	Chromated	72h	0.9	99.1	186	0.032	0.21	0.009	0.009	345	395	28	63	
287	1.73	147	0.5*1000*3000	Chromated	72h	0.9	99.1	184	0.031	0.25	0.007	0.01	350	398	29	64	
283	1.938	164	0.5*1000*3000	Chromated	72h	0.9	99.1	182	0.035	0.26	0.008	0.009	345	400	30	66	



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订货单位 CUSTOMER		SAMSUNG C&T CORPORATION							钢号	CSB				产品名称 PRODUCT		Hot Dipped Galvanized Steel in Sheet	
收货单位 PURCHASER		SAMSUNG C&T CORPORATION								DATE OF ISSUE				2024-8-7			
标准 SPECIFICATION		ASTM A653								CONTRACT NO.				RZ202405213071			
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		镀层质量 coating mass (g/m ²)	化学成分 CHEMICAL COMPOSITION(%)				力学性能 MECHANIC PROPERTIES				
						Al	Zn		C	Mn	P	S	R _{el} (N/mm ²)	R _m (N/mm ²)	A (%)	HRB	
072	1.89	230	0.35*1000*3000	Chromated	72h	0.9	99.1	185	0.03	0.22	0.008	0.008	340	395	29	65	
073	1.906	230	0.35*1000*3000	Chromated	72h	0.9	99.1	184	0.032	0.22	0.008	0.009	342	400	30	66	
074	1.09	130	0.35*1000*3000	Chromated	72h	0.9	99.1	186	0.032	0.22	0.008	0.009	345	395	30	63	
075	1.894	230	0.35*1000*3000	Chromated	72h	0.9	99.1	182	0.032	0.22	0.008	0.009	340	392	30	64	
076	1.89	230	0.35*1000*3000	Chromated	72h	0.9	99.1	184	0.032	0.22	0.008	0.009	346	395	30	65	
077	1.89	230	0.35*1000*3000	Chromated	72h	0.9	99.1	187	0.033	0.23	0.008	0.009	340	400	29	66	
078	1.88	230	0.35*1000*3000	Chromated	72h	0.9	99.1	183	0.032	0.21	0.009	0.009	345	395	28	63	
079	1.882	230	0.35*1000*3000	Chromated	72h	0.9	99.1	183	0.031	0.25	0.007	0.01	340	400	29	64	
080	1.878	230	0.35*1000*3000	Chromated	72h	0.9	99.1	186	0.035	0.26	0.008	0.009	348	395	30	66	
081	1.878	230	0.35*1000*3000	Chromated	72h	0.9	99.1	184	0.03	0.22	0.008	0.008	345	398	29	65	
082	1.894	230	0.35*1000*3000	Chromated	72h	0.9	99.1	182	0.032	0.22	0.008	0.009	350	400	30	66	
083	1.894	230	0.35*1000*3000	Chromated	72h	0.9	99.1	185	0.032	0.22	0.008	0.009	345	395	30	63	
084	1.894	230	0.35*1000*3000	Chromated	72h	0.9	99.1	184	0.032	0.22	0.008	0.009	340	400	30	64	
085	1.888	230	0.35*1000*3000	Chromated	72h	0.9	99.1	186	0.032	0.22	0.008	0.009	342	395	30	65	
086	1.89	230	0.35*1000*3000	Chromated	72h	0.9	99.1	182	0.032	0.22	0.008	0.009	345	392	30	65	
087	1.886	230	0.35*1000*3000	Chromated	72h	0.9	99.1	184	0.033	0.23	0.008	0.009	340	395	29	66	
088	1.888	230	0.35*1000*3000	Chromated	72h	0.9	99.1	187	0.032	0.21	0.009	0.009	346	400	28	63	
089	1.894	230	0.35*1000*3000	Chromated	72h	0.9	99.1	183	0.031	0.25	0.007	0.01	340	395	29	64	
090	1.894	230	0.35*1000*3000	Chromated	72h	0.9	99.1	183	0.035	0.26	0.008	0.009	345	400	30	66	
091	1.882	230	0.35*1000*3000	Chromated	72h	0.9	99.1	186	0.03	0.22	0.008	0.008	340	395	29	65	
092	1.902	230	0.35*1000*3000	Chromated	72h	0.9	99.1	184	0.032	0.22	0.008	0.009	348	398	30	66	



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订货单位 CUSTOMER		SAMSUNG C&T CORPORATION							钢号	CSB				产品名称 PRODUCT		Hot Dipped Galvanized Steel in Sheet	
收货单位 PURCHASER		SAMSUNG C&T CORPORATION												签发日期 DATE OF ISSUE		2024-8-7	
标准 SPECIFICATION		ASTM A653												合同号 CONTRACT NO.		RZ202405213071	
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		镀层质量 coating mass (g/m ²)	化学成分 CHEMICAL COMPOSITION(%)				力学性能 MECHANIC PROPERTIES				
						Al	Zn		C	Mn	P	S	R _{el} (N/mm ²)	R _m (N/mm ²)	A (%)	HRB	
093	1.9	230	0.35*1000*3000	Chromated	72h	0.9	99.1	182	0.032	0.22	0.008	0.009	345	400	30	63	
094	1.89	230	0.35*1000*3000	Chromated	72h	0.9	99.1	185	0.032	0.22	0.008	0.009	350	395	30	64	
095	1.888	230	0.35*1000*3000	Chromated	72h	0.9	99.1	184	0.032	0.22	0.008	0.009	342	400	30	66	
096	1.898	230	0.35*1000*3000	Chromated	72h	0.9	99.1	186	0.032	0.22	0.008	0.009	345	395	30	63	
097	1.894	230	0.35*1000*3000	Chromated	72h	0.9	99.1	182	0.032	0.22	0.008	0.009	340	392	30	64	
098	1.896	230	0.35*1000*3000	Chromated	72h	0.9	99.1	184	0.032	0.22	0.008	0.009	346	395	30	65	
099	1.9	230	0.35*1000*3000	Chromated	72h	0.9	99.1	187	0.033	0.23	0.008	0.009	340	400	29	66	
100	1.904	230	0.35*1000*3000	Chromated	72h	0.9	99.1	183	0.032	0.21	0.009	0.009	345	395	28	63	
101	1.898	230	0.35*1000*3000	Chromated	72h	0.9	99.1	183	0.031	0.25	0.007	0.01	340	400	29	64	
102	1.896	230	0.35*1000*3000	Chromated	72h	0.9	99.1	186	0.035	0.26	0.008	0.009	348	395	30	66	
103	1.882	230	0.35*1000*3000	Chromated	72h	0.9	99.1	184	0.03	0.22	0.008	0.008	345	398	29	65	
104	1.892	230	0.35*1000*3000	Chromated	72h	0.9	99.1	182	0.032	0.22	0.008	0.009	350	400	30	66	
105	1.892	230	0.35*1000*3000	Chromated	72h	0.9	99.1	185	0.032	0.22	0.008	0.009	345	395	30	63	
106	1.896	230	0.35*1000*3000	Chromated	72h	0.9	99.1	184	0.032	0.22	0.008	0.009	340	400	30	64	
107	1.898	230	0.35*1000*3000	Chromated	72h	0.9	99.1	186	0.033	0.23	0.008	0.009	348	400	29	66	
108	1.894	230	0.35*1000*3000	Chromated	72h	0.9	99.1	182	0.032	0.21	0.009	0.009	345	395	28	63	
109	1.886	230	0.35*1000*3000	Chromated	72h	0.9	99.1	184	0.031	0.25	0.007	0.01	350	398	29	64	
110	1.888	230	0.35*1000*3000	Chromated	72h	0.9	99.1	187	0.035	0.26	0.008	0.009	345	400	30	66	
111	1.89	230	0.35*1000*3000	Chromated	72h	0.9	99.1	183	0.03	0.22	0.008	0.008	340	395	29	65	
112	1.89	230	0.35*1000*3000	Chromated	72h	0.9	99.1	183	0.032	0.22	0.008	0.009	342	400	30	66	
113	1.878	230	0.35*1000*3000	Chromated	72h	0.9	99.1	186	0.032	0.22	0.008	0.009	345	395	30	63	



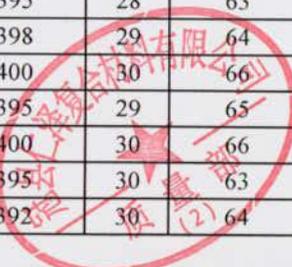
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收货单位 PURCHASER		SAMSUNG C&T CORPORATION												签发日期 DATE OF ISSUE		2024-8-7	
标准 SPECIFICATION		ASTM A653												合同号 CONTRACT NO.		RZ202405213071	
卷号 No.	重量 WEIGHT	片数	成品规格 Size(mm)	表面处理 surface treatment	盐雾试验 salt spray test	The composition of		镀层质量 coating mass (g/m ²)	化学成分 CHEMICAL COMPOSITION(%)				力学性能 MECHANIC PROPERTIES				
						Al	Zn		C	Mn	P	S	R _{el} (N/mm ²)	R _m (N/mm ²)	A(%)	HRB	
114	1.886	230	0.35*1000*3000	Chromated	72h	0.9	99.1	184	0.032	0.22	0.008	0.009	340	392	30	64	
115	1.888	230	0.35*1000*3000	Chromated	72h	0.9	99.1	182	0.032	0.22	0.008	0.009	346	395	30	65	
116	1.886	230	0.35*1000*3000	Chromated	72h	0.9	99.1	185	0.033	0.23	0.008	0.009	340	400	29	66	
117	1.886	230	0.35*1000*3000	Chromated	72h	0.9	99.1	184	0.032	0.21	0.009	0.009	345	395	28	63	
118	1.89	230	0.35*1000*3000	Chromated	72h	0.9	99.1	186	0.031	0.25	0.007	0.01	340	400	29	64	
119	1.898	230	0.35*1000*3000	Chromated	72h	0.9	99.1	182	0.035	0.26	0.008	0.009	348	395	30	66	
120	1.888	230	0.35*1000*3000	Chromated	72h	0.9	99.1	184	0.03	0.22	0.008	0.008	345	398	29	65	
121	1.91	230	0.35*1000*3000	Chromated	72h	0.9	99.1	187	0.032	0.22	0.008	0.009	350	400	30	66	
122	1.912	230	0.35*1000*3000	Chromated	72h	0.9	99.1	183	0.032	0.22	0.008	0.009	345	395	30	63	
123	1.9	230	0.35*1000*3000	Chromated	72h	0.9	99.1	183	0.032	0.22	0.008	0.009	340	400	30	64	
124	1.884	230	0.35*1000*3000	Chromated	72h	0.9	99.1	186	0.033	0.23	0.008	0.009	348	400	29	66	
125	1.884	230	0.35*1000*3000	Chromated	72h	0.9	99.1	184	0.032	0.21	0.009	0.009	345	395	28	63	
126	1.88	230	0.35*1000*3000	Chromated	72h	0.9	99.1	182	0.032	0.22	0.008	0.009	340	395	30	65	
127	1.886	230	0.35*1000*3000	Chromated	72h	0.9	99.1	185	0.033	0.23	0.008	0.009	348	400	29	66	
128	1.894	230	0.35*1000*3000	Chromated	72h	0.9	99.1	184	0.032	0.21	0.009	0.009	345	395	28	63	
129	1.898	230	0.35*1000*3000	Chromated	72h	0.9	99.1	186	0.031	0.25	0.007	0.01	350	398	29	64	
130	1.9	230	0.35*1000*3000	Chromated	72h	0.9	99.1	182	0.035	0.26	0.008	0.009	345	400	30	66	
131	1.894	230	0.35*1000*3000	Chromated	72h	0.9	99.1	184	0.03	0.22	0.008	0.008	340	395	29	65	
132	1.864	230	0.35*1000*3000	Chromated	72h	0.9	99.1	187	0.032	0.22	0.008	0.009	342	400	30	66	
133	1.88	230	0.35*1000*3000	Chromated	72h	0.9	99.1	183	0.032	0.22	0.008	0.009	345	395	30	63	
134	1.894	230	0.35*1000*3000	Chromated	72h	0.9	99.1	183	0.032	0.22	0.008	0.009	340	392	30	64	



产品质量证明书

MILL'S TEST CERTIFICATE

冠县仁泽复合材料有限公司
 GUANXIAN RENZE COMPOSITE 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	CSB				产品名称 PRODUCT		Hot Dipped Galvanized Steel in Sheet	
收货单位 PURCHASER		SAMSUNG C&T CORPORATION												签发日期 DATE OF ISSUE		2024-8-7	
标准 SPECIFICATION		ASTM A653												合同号 CONTRACT NO.		RZ202405213071	
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		镀层质量 coating mass (g/m ²)	化学成分 CHEMICAL COMPOSITION(%)				力学性能 MECHANIC PROPERTIES				
						Al	Zn		C	Mn	P	S	R _{el} (N/mm ²)	R _m (N/mm ²)	A (%)	HRB	
135	1.896	230	0.35*1000*3000	Chromated	72h	0.9	99.1	186	0.032	0.22	0.008	0.009	346	395	30	65	
136	1.888	230	0.35*1000*3000	Chromated	72h	0.9	99.1	184	0.033	0.23	0.008	0.009	340	400	29	66	
137	1.908	230	0.35*1000*3000	Chromated	72h	0.9	99.1	182	0.032	0.21	0.009	0.009	345	395	28	63	
138	1.902	230	0.35*1000*3000	Chromated	72h	0.9	99.1	185	0.031	0.25	0.007	0.01	340	400	29	64	
140	1.88	230	0.35*1000*3000	Chromated	72h	0.9	99.1	184	0.035	0.26	0.008	0.009	348	395	30	66	
001	1.904	200	0.4*1000*3000	Chromated	72h	0.9	99.1	186	0.03	0.22	0.008	0.008	345	398	29	65	
002	1.898	200	0.4*1000*3000	Chromated	72h	0.9	99.1	182	0.032	0.22	0.008	0.009	350	400	30	66	
003	1.908	200	0.4*1000*3000	Chromated	72h	0.9	99.1	184	0.032	0.22	0.008	0.009	345	395	30	63	
004	1.908	200	0.4*1000*3000	Chromated	72h	0.9	99.1	187	0.032	0.22	0.008	0.009	340	400	30	64	
005	1.904	200	0.4*1000*3000	Chromated	72h	0.9	99.1	183	0.032	0.22	0.008	0.009	342	395	30	65	
006	1.902	200	0.4*1000*3000	Chromated	72h	0.9	99.1	183	0.032	0.22	0.008	0.009	345	392	30	65	
007	1.906	200	0.4*1000*3000	Chromated	72h	0.9	99.1	186	0.033	0.23	0.008	0.009	340	395	29	66	
008	1.906	200	0.4*1000*3000	Chromated	72h	0.9	99.1	184	0.032	0.21	0.009	0.009	346	400	28	63	
009	1.908	200	0.4*1000*3000	Chromated	72h	0.9	99.1	182	0.031	0.25	0.007	0.01	340	395	29	64	
010	1.916	200	0.4*1000*3000	Chromated	72h	0.9	99.1	185	0.035	0.26	0.008	0.009	345	400	30	66	
011	1.894	200	0.4*1000*3000	Chromated	72h	0.9	99.1	184	0.03	0.22	0.008	0.008	340	395	29	65	
012	1.904	200	0.4*1000*3000	Chromated	72h	0.9	99.1	186	0.032	0.22	0.008	0.009	348	398	30	66	
013	1.884	200	0.4*1000*3000	Chromated	72h	0.9	99.1	182	0.032	0.22	0.008	0.009	345	400	30	63	
014	1.9	200	0.4*1000*3000	Chromated	72h	0.9	99.1	184	0.032	0.22	0.008	0.009	350	395	30	64	
015	1.912	200	0.4*1000*3000	Chromated	72h	0.9	99.1	187	0.032	0.22	0.008	0.009	342	400	30	66	
016	1.912	200	0.4*1000*3000	Chromated	72h	0.9	99.1	183	0.032	0.22	0.008	0.009	345	395	30	63	



产品质量证明书

MILL'S TEST CERTIFICATE

冠县仁泽复合材料有限公司
 GUANXIAN RENZE COMPOSITE 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	CSB				产品名称 PRODUCT		Hot Dipped Galvanized Steel in Sheet	
收货单位 PURCHASER		SAMSUNG C&T CORPORATION												签发日期 DATE OF ISSUE		2024-8-7	
标准 SPECIFICATION		ASTM A653												合同号 CONTRACT NO.		RZ202405213071	
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		镀层质量 coating mass (g/m ²)	化学成分 CHEMICAL COMPOSITION(%)				力学性能 MECHANIC PROPERTIES				
						Al	Zn		C	Mn	P	S	R _{el} (N/mm ²)	R _m (N/mm ²)	A (%)	HRB	
017	1.91	200	0.4*1000*3000	Chromated	72h	0.9	99.1	183	0.032	0.22	0.008	0.009	340	392	30	64	
018	1.894	200	0.4*1000*3000	Chromated	72h	0.9	99.1	186	0.032	0.22	0.008	0.009	346	395	30	65	
019	1.912	200	0.4*1000*3000	Chromated	72h	0.9	99.1	184	0.033	0.23	0.008	0.009	340	400	29	66	
020	1.91	200	0.4*1000*3000	Chromated	72h	0.9	99.1	182	0.032	0.21	0.009	0.009	345	395	28	63	
021	1.89	200	0.4*1000*3000	Chromated	72h	0.9	99.1	185	0.031	0.25	0.007	0.01	340	400	29	64	
022	1.878	200	0.4*1000*3000	Chromated	72h	0.9	99.1	184	0.035	0.26	0.008	0.009	348	395	30	66	
023	1.896	200	0.4*1000*3000	Chromated	72h	0.9	99.1	186	0.03	0.22	0.008	0.008	345	398	29	65	
024	1.88	200	0.4*1000*3000	Chromated	72h	0.9	99.1	182	0.032	0.22	0.008	0.009	350	400	30	66	
025	1.904	200	0.4*1000*3000	Chromated	72h	0.9	99.1	184	0.032	0.22	0.008	0.009	345	395	30	63	
026	1.92	200	0.4*1000*3000	Chromated	72h	0.9	99.1	187	0.032	0.22	0.008	0.009	340	400	30	64	
027	1.88	200	0.4*1000*3000	Chromated	72h	0.9	99.1	183	0.033	0.23	0.008	0.009	348	400	29	66	
028	1.9	200	0.4*1000*3000	Chromated	72h	0.9	99.1	183	0.032	0.21	0.009	0.009	345	395	28	63	
029	1.884	200	0.4*1000*3000	Chromated	72h	0.9	99.1	186	0.031	0.25	0.007	0.01	350	398	29	64	
030	1.89	200	0.4*1000*3000	Chromated	72h	0.9	99.1	184	0.035	0.26	0.008	0.009	345	400	30	66	
031	1.912	200	0.4*1000*3000	Chromated	72h	0.9	99.1	182	0.03	0.22	0.008	0.008	340	395	29	65	
032	1.918	200	0.4*1000*3000	Chromated	72h	0.9	99.1	185	0.032	0.22	0.008	0.009	342	400	30	66	
033	1.898	200	0.4*1000*3000	Chromated	72h	0.9	99.1	184	0.032	0.22	0.008	0.009	345	395	30	63	
034	1.906	200	0.4*1000*3000	Chromated	72h	0.9	99.1	186	0.032	0.22	0.008	0.009	340	392	30	64	
035	1.902	200	0.4*1000*3000	Chromated	72h	0.9	99.1	182	0.032	0.22	0.008	0.009	346	395	30	65	
036	1.9	200	0.4*1000*3000	Chromated	72h	0.9	99.1	184	0.033	0.23	0.008	0.009	340	400	29	66	
037	1.898	200	0.4*1000*3000	Chromated	72h	0.9	99.1	187	0.032	0.21	0.009	0.009	345	395	28	63	



产品质量证明书

MILL'S TEST CERTIFICATE

冠县仁泽复合材料有限公司
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 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	CSB				产品名称 PRODUCT		Hot Dipped Galvanized Steel in Sheet	
收货单位 PURCHASER		SAMSUNG C&T CORPORATION												签发日期 DATE OF ISSUE		2024-8-7	
标准 SPECIFICATION		ASTM A653												合同号 CONTRACT NO.		RZ202405213071	
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		镀层质量 coating mass (g/m ²)	化学成分 CHEMICAL COMPOSITION(%)				力学性能 MECHANIC PROPERTIES				
						Al	Zn		C	Mn	P	S	R_{el} (N/mm ²)	R_m (N/mm ²)	A (%)	HRB	
038	1.904	200	0.4*1000*3000	Chromated	72h	0.9	99.1	183	0.031	0.25	0.007	0.01	340	400	29	64	
039	1.904	200	0.4*1000*3000	Chromated	72h	0.9	99.1	183	0.035	0.26	0.008	0.009	348	395	30	66	
040	1.898	200	0.4*1000*3000	Chromated	72h	0.9	99.1	186	0.031	0.25	0.007	0.01	350	398	29	64	
041	1.9	200	0.4*1000*3000	Chromated	72h	0.9	99.1	184	0.035	0.26	0.008	0.009	345	400	30	66	
042	1.902	200	0.4*1000*3000	Chromated	72h	0.9	99.1	182	0.03	0.22	0.008	0.008	340	395	29	65	
043	1.904	200	0.4*1000*3000	Chromated	72h	0.9	99.1	185	0.032	0.22	0.008	0.009	342	400	30	66	
044	1.904	200	0.4*1000*3000	Chromated	72h	0.9	99.1	184	0.032	0.22	0.008	0.009	345	395	30	63	
045	1.908	200	0.4*1000*3000	Chromated	72h	0.9	99.1	186	0.032	0.22	0.008	0.009	340	392	30	64	
046	1.902	200	0.4*1000*3000	Chromated	72h	0.9	99.1	182	0.032	0.22	0.008	0.009	346	395	30	65	
047	1.856	200	0.4*1000*3000	Chromated	72h	0.9	99.1	184	0.033	0.23	0.008	0.009	340	400	29	66	
048	1.904	200	0.4*1000*3000	Chromated	72h	0.9	99.1	187	0.032	0.21	0.009	0.009	345	395	28	63	
049	1.884	200	0.4*1000*3000	Chromated	72h	0.9	99.1	183	0.031	0.25	0.007	0.01	340	400	29	64	
050	1.896	200	0.4*1000*3000	Chromated	72h	0.9	99.1	183	0.035	0.26	0.008	0.009	348	395	30	66	
051	1.9	200	0.4*1000*3000	Chromated	72h	0.9	99.1	186	0.032	0.22	0.008	0.009	340	395	30	65	
052	1.902	200	0.4*1000*3000	Chromated	72h	0.9	99.1	184	0.033	0.23	0.008	0.009	348	400	29	66	
053	1.91	200	0.4*1000*3000	Chromated	72h	0.9	99.1	182	0.032	0.21	0.009	0.009	345	395	28	63	
054	1.91	200	0.4*1000*3000	Chromated	72h	0.9	99.1	185	0.031	0.25	0.007	0.01	350	398	29	64	
055	1.904	200	0.4*1000*3000	Chromated	72h	0.9	99.1	184	0.035	0.26	0.008	0.009	345	400	30	66	
056	1.906	200	0.4*1000*3000	Chromated	72h	0.9	99.1	186	0.03	0.22	0.008	0.008	340	395	29	65	
057	1.886	200	0.4*1000*3000	Chromated	72h	0.9	99.1	182	0.032	0.22	0.008	0.009	342	400	30	66	
058	1.906	200	0.4*1000*3000	Chromated	72h	0.9	99.1	184	0.032	0.22	0.008	0.009	345	395	30	63	



产品质量证明书

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

订货单位 CUSTOMER		SAMSUNG C&T CORPORATION							钢号	CSB				产品名称 PRODUCT		Hot Dipped Galvanized Steel in Sheet	
收货单位 PURCHASER		SAMSUNG C&T CORPORATION												签发日期 DATE OF ISSUE		2024-8-7	
标准 SPECIFICATION		ASTM A653												合同号 CONTRACT NO.		RZ202405213071	
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		镀层质量 coating mass (g/m ²)	化学成分 CHEMICAL COMPOSITION(%)				力学性能 MECHANIC PROPERTIES				
						Al	Zn		C	Mn	P	S	R _{el} (N/mm ²)	R _m (N/mm ²)	A(%)	HRB	
059	1.896	200	0.4*1000*3000	Chromated	72h	0.9	99.1	187	0.032	0.22	0.008	0.009	340	392	30	64	
060	1.906	200	0.4*1000*3000	Chromated	72h	0.9	99.1	183	0.032	0.22	0.008	0.009	346	395	30	65	
061	1.89	200	0.4*1000*3000	Chromated	72h	0.9	99.1	183	0.033	0.23	0.008	0.009	340	400	29	66	
062	1.912	200	0.4*1000*3000	Chromated	72h	0.9	99.1	186	0.032	0.21	0.009	0.009	345	395	28	63	
063	1.906	200	0.4*1000*3000	Chromated	72h	0.9	99.1	184	0.031	0.25	0.007	0.01	340	400	29	64	
064	1.896	200	0.4*1000*3000	Chromated	72h	0.9	99.1	182	0.035	0.26	0.008	0.009	348	395	30	66	
065	1.902	200	0.4*1000*3000	Chromated	72h	0.9	99.1	185	0.03	0.22	0.008	0.008	345	398	29	65	
066	1.904	200	0.4*1000*3000	Chromated	72h	0.9	99.1	184	0.032	0.22	0.008	0.009	350	400	30	66	
067	1.918	200	0.4*1000*3000	Chromated	72h	0.9	99.1	186	0.032	0.22	0.008	0.009	345	395	30	63	
068	1.88	200	0.4*1000*3000	Chromated	72h	0.9	99.1	182	0.032	0.22	0.008	0.009	340	400	30	64	
069	1.894	200	0.4*1000*3000	Chromated	72h	0.9	99.1	184	0.032	0.22	0.008	0.009	342	395	30	65	
070	1.904	200	0.4*1000*3000	Chromated	72h	0.9	99.1	187	0.032	0.22	0.008	0.009	345	392	30	65	
071	2.094	220	0.4*1000*3000	Chromated	72h	0.9	99.1	183	0.033	0.23	0.008	0.009	340	395	29	66	
139	1.918	200	0.4*1000*3000	Chromated	72h	0.9	99.1	183	0.032	0.21	0.009	0.009	346	400	28	63	
	547.352																

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.

