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XINGHAN

冠县众冠新材料有限公司

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

产品质量证明书
MILL'S TEST CERTIFICATE

LOTA

订货单位 CUSTOMER		CUMIC STEEL LIMITED								钢号 GR.37	产品名称 PRODUCT		GALVALUME STEEL CORRUGATED SHEETS					
收货单位 PURCHASER		CUMIC STEEL LIMITED									签发日期 OF ISSUE		DATE					
标准 SPECIFICATION		ASTM A792M									合同号 NO.		CONTRACT					
捆号 PACK No.	重量 WEIGHT	片数 PIECE	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 ²)	化学成分 CHEMICAL COMPOSITION (%)					力学性能 MECHANIC PROPERTIES			
						Al	Zn	Si		C	Mn	P	S	Si	R _{el} (N/mm ²)	R _m (N/mm ²)	A (%)	HRB
121	0.991	200	0.33*851*2000	CHROMATED	72h	55	43.4	1.6	104	0.035	0.26	0.008	0.009	0.04	660	665	3	92
122	0.987	200	0.33*851*2000	CHROMATED	72h	55	43.4	1.6	106	0.032	0.22	0.008	0.009	0.04	665	665	4	93
123	0.981	200	0.33*851*2000	CHROMATED	72h	55	43.4	1.6	108	0.033	0.23	0.008	0.009	0.04	660	670	3	92
124	0.98	200	0.33*851*2000	CHROMATED	72h	55	43.4	1.6	102	0.032	0.21	0.009	0.009	0.04	660	670	3	93
125	0.99	200	0.33*851*2000	CHROMATED	72h	55	43.4	1.6	107	0.031	0.25	0.007	0.01	0.04	655	665	4	92
126	0.979	200	0.33*851*2000	CHROMATED	72h	55	43.4	1.6	109	0.035	0.26	0.008	0.009	0.04	660	670	3	93
127	0.991	200	0.33*851*2000	CHROMATED	72h	55	43.4	1.6	104	0.03	0.22	0.008	0.008	0.04	665	665	4	92
128	0.977	200	0.33*851*2000	CHROMATED	72h	55	43.4	1.6	106	0.032	0.22	0.008	0.009	0.04	660	665	3	92
129	0.976	200	0.33*851*2000	CHROMATED	72h	55	43.4	1.6	105	0.032	0.22	0.008	0.009	0.04	665	665	4	93
130	0.977	200	0.33*851*2000	CHROMATED	72h	55	43.4	1.6	107	0.033	0.23	0.008	0.009	0.04	660	670	3	92
131	0.992	200	0.33*851*2000	CHROMATED	72h	55	43.4	1.6	104	0.032	0.21	0.009	0.009	0.04	660	670	3	93
132	0.986	200	0.33*851*2000	CHROMATED	72h	55	43.4	1.6	103	0.032	0.21	0.009	0.009	0.04	655	665	4	92
133	0.985	200	0.33*851*2000	CHROMATED	72h	55	43.4	1.6	104	0.031	0.25	0.007	0.01	0.04	660	665	3	92
134	0.979	200	0.33*851*2000	CHROMATED	72h	55	43.4	1.6	106	0.035	0.26	0.008	0.009	0.04	665	665	4	93
135	0.974	200	0.33*851*2000	CHROMATED	72h	55	43.4	1.6	108	0.032	0.22	0.008	0.009	0.04	660	670	3	92
136	0.985	200	0.33*851*2000	CHROMATED	72h	55	43.4	1.6	102	0.033	0.23	0.008	0.009	0.04	660	665	3	92
137	0.975	200	0.33*851*2000	CHROMATED	72h	55	43.4	1.6	107	0.035	0.26	0.008	0.009	0.04	665	665	4	93
138	0.975	200	0.33*851*2000	CHROMATED	72h	55	43.4	1.6	109	0.032	0.22	0.008	0.009	0.04	660	670	3	92
139	0.979	200	0.33*851*2000	CHROMATED	72h	55	43.4	1.6	104	0.033	0.23	0.008	0.009	0.04	660	670	3	93
140	0.976	200	0.33*851*2000	CHROMATED	72h	55	43.4	1.6	106	0.032	0.21	0.009	0.009	0.04	655	665	4	92
141	0.972	200	0.33*851*2000	CHROMATED	72h	55	43.4	1.6	105	0.031	0.25	0.007	0.01	0.04	660	670	3	93
142	0.973	200	0.33*851*2000	CHROMATED	72h	55	43.4	1.6	107	0.035	0.26	0.008	0.009	0.04	665	665	4	92
143	0.976	200	0.33*851*2000	CHROMATED	72h	55	43.4	1.6	104	0.03	0.22	0.008	0.008	0.04	660	665	3	92



捆号 PACK No.	重量 WEIGHT	片数 PIECE	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 ²)	化学成分 CHEMICAL COMPOSITION (%)					力学性能 MECHANIC PROPERTIES			
						Al	Zn	Si		C	Mn	P	S	Si	R _{el} (N/mm ²)	R _m (N/mm ²)	A (%)	HRB
144	0.976	200	0.33*851*2000	CHROMATED	72h	55	43.4	1.6	103	0.032	0.22	0.008	0.009	0.04	665	665	4	93
145	0.964	200	0.33*851*2000	CHROMATED	72h	55	43.4	1.6	104	0.032	0.22	0.008	0.009	0.04	660	670	3	92
146	0.974	200	0.33*851*2000	CHROMATED	72h	55	43.4	1.6	106	0.033	0.23	0.008	0.009	0.04	660	670	3	93
147	0.973	200	0.33*851*2000	CHROMATED	72h	55	43.4	1.6	108	0.032	0.21	0.009	0.009	0.04	655	665	4	92
148	0.977	200	0.33*851*2000	CHROMATED	72h	55	43.4	1.6	102	0.032	0.21	0.009	0.009	0.04	660	665	3	92
149	0.981	200	0.33*851*2000	CHROMATED	72h	55	43.4	1.6	107	0.031	0.25	0.007	0.01	0.04	665	665	4	93
150	0.992	200	0.33*851*2000	CHROMATED	72h	55	43.4	1.6	109	0.035	0.26	0.008	0.009	0.04	660	670	3	92
151	0.979	200	0.33*851*2000	CHROMATED	72h	55	43.4	1.6	104	0.032	0.22	0.008	0.009	0.04	660	665	3	92
152	0.653	132	0.33*851*2000	CHROMATED	72h	55	43.4	1.6	106	0.033	0.23	0.008	0.009	0.04	665	665	4	93
153	1.214	200	0.33*851*2500	CHROMATED	72h	55	43.4	1.6	105	0.032	0.21	0.009	0.009	0.04	660	670	3	92
154	1.216	200	0.33*851*2500	CHROMATED	72h	55	43.4	1.6	107	0.031	0.25	0.007	0.01	0.04	660	670	3	93
155	1.228	200	0.33*851*2500	CHROMATED	72h	55	43.4	1.6	104	0.035	0.26	0.008	0.009	0.04	655	665	4	92
156	1.222	200	0.33*851*2500	CHROMATED	72h	55	43.4	1.6	103	0.03	0.22	0.008	0.008	0.04	660	670	3	93
157	1.215	200	0.33*851*2500	CHROMATED	72h	55	43.4	1.6	104	0.032	0.22	0.008	0.009	0.04	665	665	4	92
158	1.226	200	0.33*851*2500	CHROMATED	72h	55	43.4	1.6	106	0.032	0.22	0.008	0.009	0.04	660	665	3	92
159	1.234	200	0.33*851*2500	CHROMATED	72h	55	43.4	1.6	108	0.033	0.23	0.008	0.009	0.04	665	665	4	93
160	1.232	200	0.33*851*2500	CHROMATED	72h	55	43.4	1.6	102	0.032	0.21	0.009	0.009	0.04	660	670	3	92
161	1.219	200	0.33*851*2500	CHROMATED	72h	55	43.4	1.6	107	0.032	0.21	0.009	0.009	0.04	660	670	3	93
162	1.223	200	0.33*851*2500	CHROMATED	72h	55	43.4	1.6	109	0.031	0.25	0.007	0.01	0.04	655	665	4	92
163	1.217	200	0.33*851*2500	CHROMATED	72h	55	43.4	1.6	104	0.035	0.26	0.008	0.009	0.04	660	665	3	92
164	1.222	200	0.33*851*2500	CHROMATED	72h	55	43.4	1.6	106	0.032	0.22	0.008	0.009	0.04	665	665	4	93
165	1.22	200	0.33*851*2500	CHROMATED	72h	55	43.4	1.6	105	0.033	0.23	0.008	0.009	0.04	660	670	3	92
166	1.218	200	0.33*851*2500	CHROMATED	72h	55	43.4	1.6	107	0.032	0.21	0.009	0.009	0.04	660	665	3	92
167	1.222	200	0.33*851*2500	CHROMATED	72h	55	43.4	1.6	104	0.031	0.25	0.007	0.01	0.04	665	665	4	93
168	1.207	200	0.33*851*2500	CHROMATED	72h	55	43.4	1.6	103	0.035	0.26	0.008	0.009	0.04	660	670	3	92
169	1.216	200	0.33*851*2500	CHROMATED	72h	55	43.4	1.6	104	0.03	0.22	0.008	0.008	0.04	660	670	3	93
170	1.224	200	0.33*851*2500	CHROMATED	72h	55	43.4	1.6	106	0.032	0.22	0.008	0.009	0.04	655	665	4	92
171	1.233	200	0.33*851*2500	CHROMATED	72h	55	43.4	1.6	108	0.032	0.22	0.008	0.009	0.04	660	670	3	93
172	1.231	200	0.33*851*2500	CHROMATED	72h	55	43.4	1.6	102	0.033	0.23	0.008	0.009	0.04	665	665	4	92
173	1.22	200	0.33*851*2500	CHROMATED	72h	55	43.4	1.6	107	0.032	0.21	0.009	0.009	0.04	660	665	3	92
174	1.211	200	0.33*851*2500	CHROMATED	72h	55	43.4	1.6	109	0.031	0.25	0.007	0.01	0.04	665	665	4	93
175	1.219	200	0.33*851*2500	CHROMATED	72h	55	43.4	1.6	104	0.032	0.22	0.008	0.009	0.04	660	670	3	92
176	1.229	200	0.33*851*2500	CHROMATED	72h	55	43.4	1.6	106	0.033	0.23	0.008	0.009	0.04	660	670	3	93
177	1.232	200	0.33*851*2500	CHROMATED	72h	55	43.4	1.6	105	0.032	0.21	0.009	0.009	0.04	655	665	4	92
178	1.223	200	0.33*851*2500	CHROMATED	72h	55	43.4	1.6	107	0.031	0.25	0.007	0.01	0.04	660	665	3	92
179	1.226	200	0.33*851*2500	CHROMATED	72h	55	43.4	1.6	104	0.035	0.26	0.008	0.009	0.04	665	665	4	93



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						Al	Zn	Si		C	Mn	P	S	Si	R _{eL} (N/mm ²)	R _m (N/mm ²)	A (%)	HRB
180	1.225	200	0.33*851*2500	CHROMATED	72h	55	43.4	1.6	103	0.032	0.22	0.008	0.009	0.04	660	670	3	92
181	1.217	200	0.33*851*2500	CHROMATED	72h	55	43.4	1.6	104	0.033	0.23	0.008	0.009	0.04	660	665	3	92
182	1.218	200	0.33*851*2500	CHROMATED	72h	55	43.4	1.6	106	0.035	0.26	0.008	0.009	0.04	665	665	4	93
183	1.227	200	0.33*851*2500	CHROMATED	72h	55	43.4	1.6	108	0.032	0.22	0.008	0.009	0.04	660	670	3	92
184	1.227	200	0.33*851*2500	CHROMATED	72h	55	43.4	1.6	102	0.033	0.23	0.008	0.009	0.04	660	670	3	93
185	1.217	200	0.33*851*2500	CHROMATED	72h	55	43.4	1.6	107	0.032	0.21	0.009	0.009	0.04	655	665	4	92
186	1.225	200	0.33*851*2500	CHROMATED	72h	55	43.4	1.6	109	0.031	0.25	0.007	0.01	0.04	660	670	3	93
187	1.224	200	0.33*851*2500	CHROMATED	72h	55	43.4	1.6	104	0.035	0.26	0.008	0.009	0.04	665	665	4	92
188	1.22	200	0.33*851*2500	CHROMATED	72h	55	43.4	1.6	106	0.03	0.22	0.008	0.008	0.04	660	665	3	92
189	1.216	200	0.33*851*2500	CHROMATED	72h	55	43.4	1.6	105	0.032	0.22	0.008	0.009	0.04	665	665	4	93
190	1.216	200	0.33*851*2500	CHROMATED	72h	55	43.4	1.6	107	0.032	0.22	0.008	0.009	0.04	660	670	3	92
191	1.211	200	0.33*851*2500	CHROMATED	72h	55	43.4	1.6	104	0.033	0.23	0.008	0.009	0.04	660	670	3	93
192	1.232	200	0.33*851*2500	CHROMATED	72h	55	43.4	1.6	103	0.035	0.26	0.008	0.009	0.04	655	665	4	92
193	1.217	200	0.33*851*2500	CHROMATED	72h	55	43.4	1.6	104	0.032	0.22	0.008	0.009	0.04	660	665	3	92
194	1.212	200	0.33*851*2500	CHROMATED	72h	55	43.4	1.6	106	0.033	0.23	0.008	0.009	0.04	665	665	4	93
195	1.236	200	0.33*851*2500	CHROMATED	72h	55	43.4	1.6	108	0.032	0.21	0.009	0.009	0.04	660	670	3	92
196	1.223	200	0.33*851*2500	CHROMATED	72h	55	43.4	1.6	102	0.031	0.25	0.007	0.01	0.04	660	665	3	92
197	1.222	200	0.33*851*2500	CHROMATED	72h	55	43.4	1.6	107	0.035	0.26	0.008	0.009	0.04	665	665	4	93
198	1.212	200	0.33*851*2500	CHROMATED	72h	55	43.4	1.6	109	0.03	0.22	0.008	0.008	0.04	660	670	3	92
199	1.225	200	0.33*851*2500	CHROMATED	72h	55	43.4	1.6	104	0.032	0.22	0.008	0.009	0.04	660	670	3	93
200	1.226	200	0.33*851*2500	CHROMATED	72h	55	43.4	1.6	106	0.032	0.22	0.008	0.009	0.04	655	665	4	92
201	1.233	200	0.33*851*2500	CHROMATED	72h	55	43.4	1.6	105	0.033	0.23	0.008	0.009	0.04	660	670	3	93
202	1.221	200	0.33*851*2500	CHROMATED	72h	55	43.4	1.6	107	0.032	0.21	0.009	0.009	0.04	665	665	4	92
203	1.04	167	0.33*851*2500	CHROMATED	72h	55	43.4	1.6	104	0.032	0.21	0.009	0.009	0.04	660	665	3	92
204	1.456	200	0.33*851*3000	CHROMATED	72h	55	43.4	1.6	103	0.031	0.25	0.007	0.01	0.04	665	665	4	93
205	1.461	200	0.33*851*3000	CHROMATED	72h	55	43.4	1.6	104	0.035	0.26	0.008	0.009	0.04	660	670	3	92
206	1.462	200	0.33*851*3000	CHROMATED	72h	55	43.4	1.6	106	0.032	0.22	0.008	0.009	0.04	660	670	3	93
207	1.448	200	0.33*851*3000	CHROMATED	72h	55	43.4	1.6	108	0.033	0.23	0.008	0.009	0.04	655	665	4	92
208	1.473	200	0.33*851*3000	CHROMATED	72h	55	43.4	1.6	102	0.035	0.26	0.008	0.009	0.04	660	665	3	92
209	1.477	200	0.33*851*3000	CHROMATED	72h	55	43.4	1.6	107	0.032	0.22	0.008	0.009	0.04	665	665	4	93
210	1.455	200	0.33*851*3000	CHROMATED	72h	55	43.4	1.6	109	0.033	0.23	0.008	0.009	0.04	660	670	3	92
211	1.457	200	0.33*851*3000	CHROMATED	72h	55	43.4	1.6	104	0.032	0.21	0.009	0.009	0.04	660	665	3	92
212	1.484	200	0.33*851*3000	CHROMATED	72h	55	43.4	1.6	106	0.031	0.25	0.007	0.01	0.04	665	665	4	93
213	1.461	200	0.33*851*3000	CHROMATED	72h	55	43.4	1.6	105	0.035	0.26	0.008	0.009	0.04	660	670	3	92
214	1.479	200	0.33*851*3000	CHROMATED	72h	55	43.4	1.6	107	0.03	0.22	0.008	0.008	0.04	660	670	3	93
215	1.463	200	0.33*851*3000	CHROMATED	72h	55	43.4	1.6	104	0.032	0.22	0.008	0.009	0.04	655	665	4	92



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						Al	Zn	Si		C	Mn	P	S	Si	R_{cl} (N/mm ²)	R_m (N/mm ²)	A(%)	HRB
216	1.472	200	0.33*851*3000	CHROMATED	72h	55	43.4	1.6	103	0.032	0.22	0.008	0.009	0.04	660	670	3	93
217	1.445	200	0.33*851*3000	CHROMATED	72h	55	43.4	1.6	104	0.033	0.23	0.008	0.009	0.04	665	665	4	92
218	1.466	200	0.33*851*3000	CHROMATED	72h	55	43.4	1.6	106	0.032	0.21	0.009	0.009	0.04	660	665	3	92
219	1.465	200	0.33*851*3000	CHROMATED	72h	55	43.4	1.6	108	0.032	0.21	0.009	0.009	0.04	665	665	4	93
220	1.455	200	0.33*851*3000	CHROMATED	72h	55	43.4	1.6	102	0.031	0.25	0.007	0.01	0.04	660	670	3	92
221	1.463	200	0.33*851*3000	CHROMATED	72h	55	43.4	1.6	107	0.035	0.26	0.008	0.009	0.04	660	670	3	93
222	1.456	200	0.33*851*3000	CHROMATED	72h	55	43.4	1.6	109	0.032	0.22	0.008	0.009	0.04	655	665	4	92
223	1.45	200	0.33*851*3000	CHROMATED	72h	55	43.4	1.6	104	0.033	0.23	0.008	0.009	0.04	660	665	3	92
224	1.466	200	0.33*851*3000	CHROMATED	72h	55	43.4	1.6	106	0.032	0.21	0.009	0.009	0.04	665	665	4	93
225	1.459	200	0.33*851*3000	CHROMATED	72h	55	43.4	1.6	105	0.031	0.25	0.007	0.01	0.04	660	670	3	92
226	1.454	200	0.33*851*3000	CHROMATED	72h	55	43.4	1.6	107	0.035	0.26	0.008	0.009	0.04	660	665	3	92
227	1.453	200	0.33*851*3000	CHROMATED	72h	55	43.4	1.6	104	0.03	0.22	0.008	0.008	0.04	665	665	4	93
228	1.451	200	0.33*851*3000	CHROMATED	72h	55	43.4	1.6	103	0.032	0.22	0.008	0.009	0.04	660	670	3	92
229	1.449	200	0.33*851*3000	CHROMATED	72h	55	43.4	1.6	104	0.032	0.22	0.008	0.009	0.04	660	670	3	93
230	1.45	200	0.33*851*3000	CHROMATED	72h	55	43.4	1.6	106	0.033	0.23	0.008	0.009	0.04	655	665	4	92
231	1.457	200	0.33*851*3000	CHROMATED	72h	55	43.4	1.6	108	0.032	0.21	0.009	0.009	0.04	660	670	3	93
232	1.441	200	0.33*851*3000	CHROMATED	72h	55	43.4	1.6	102	0.032	0.21	0.009	0.009	0.04	665	665	4	92
233	1.467	200	0.33*851*3000	CHROMATED	72h	55	43.4	1.6	107	0.031	0.25	0.007	0.01	0.04	660	665	3	92
234	1.449	200	0.33*851*3000	CHROMATED	72h	55	43.4	1.6	109	0.035	0.26	0.008	0.009	0.04	665	665	4	93
235	1.461	200	0.33*851*3000	CHROMATED	72h	55	43.4	1.6	104	0.032	0.22	0.008	0.009	0.04	660	670	3	92
236	1.455	200	0.33*851*3000	CHROMATED	72h	55	43.4	1.6	106	0.033	0.23	0.008	0.009	0.04	660	670	3	93
237	1.451	200	0.33*851*3000	CHROMATED	72h	55	43.4	1.6	105	0.032	0.21	0.009	0.009	0.04	655	665	4	92
238	1.437	200	0.33*851*3000	CHROMATED	72h	55	43.4	1.6	107	0.031	0.25	0.007	0.01	0.04	660	665	3	92
239	1.447	200	0.33*851*3000	CHROMATED	72h	55	43.4	1.6	104	0.035	0.26	0.008	0.009	0.04	665	665	4	93
240	1.469	200	0.33*851*3000	CHROMATED	72h	55	43.4	1.6	103	0.03	0.22	0.008	0.008	0.04	660	670	3	92
241	1.463	200	0.33*851*3000	CHROMATED	72h	55	43.4	1.6	104	0.032	0.22	0.008	0.009	0.04	660	665	3	92
242	1.453	200	0.33*851*3000	CHROMATED	72h	55	43.4	1.6	106	0.032	0.22	0.008	0.009	0.04	665	665	4	93
243	1.453	200	0.33*851*3000	CHROMATED	72h	55	43.4	1.6	108	0.033	0.23	0.008	0.009	0.04	660	670	3	92
244	1.451	200	0.33*851*3000	CHROMATED	72h	55	43.4	1.6	102	0.032	0.21	0.009	0.009	0.04	660	670	3	93
245	1.458	200	0.33*851*3000	CHROMATED	72h	55	43.4	1.6	107	0.031	0.25	0.007	0.01	0.04	655	665	4	92
246	1.455	200	0.33*851*3000	CHROMATED	72h	55	43.4	1.6	109	0.032	0.22	0.008	0.009	0.04	660	670	3	93
247	1.458	200	0.33*851*3000	CHROMATED	72h	55	43.4	1.6	104	0.033	0.23	0.008	0.009	0.04	665	665	4	92
248	1.453	200	0.33*851*3000	CHROMATED	72h	55	43.4	1.6	106	0.032	0.21	0.009	0.009	0.04	660	665	4	92
249	1.453	200	0.33*851*3000	CHROMATED	72h	55	43.4	1.6	105	0.031	0.25	0.007	0.01	0.04	665	665	4	93
250	1.455	200	0.33*851*3000	CHROMATED	72h	55	43.4	1.6	107	0.035	0.26	0.008	0.009	0.04	660	670	3	92
251	1.463	200	0.33*851*3000	CHROMATED	72h	55	43.4	1.6	104	0.032	0.22	0.008	0.009	0.04	660	670	3	93



捆号 PACK No.	重量 WEIGHT	片数 PIECE	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 ²)	化学成分 CHEMICAL COMPOSITION(%)					力学性能 MECHANIC PROPERTIES			
						Al	Zn	Si		C	Mn	P	S	Si	R _{el} (N/mm ²)	R _m (N/mm ²)	A(%)	HRB
252	1.461	200	0.33*851*3000	CHROMATED	72h	55	43.4	1.6	103	0.033	0.23	0.008	0.009	0.04	655	665	4	92
253	1.455	200	0.33*851*3000	CHROMATED	72h	55	43.4	1.6	104	0.035	0.26	0.008	0.009	0.04	660	665	3	92
254	1.45	200	0.33*851*3000	CHROMATED	72h	55	43.4	1.6	106	0.032	0.22	0.008	0.009	0.04	665	665	4	93
255	1.454	200	0.33*851*3000	CHROMATED	72h	55	43.4	1.6	108	0.033	0.23	0.008	0.009	0.04	660	670	3	92
256	1.452	200	0.33*851*3000	CHROMATED	72h	55	43.4	1.6	102	0.032	0.21	0.009	0.009	0.04	660	665	3	92
257	1.452	200	0.33*851*3000	CHROMATED	72h	55	43.4	1.6	107	0.031	0.25	0.007	0.01	0.04	665	665	4	93
258	1.465	200	0.33*851*3000	CHROMATED	72h	55	43.4	1.6	109	0.035	0.26	0.008	0.009	0.04	660	670	3	92
259	1.461	200	0.33*851*3000	CHROMATED	72h	55	43.4	1.6	104	0.03	0.22	0.008	0.008	0.04	660	670	3	93
260	0.636	84	0.33*851*3000	CHROMATED	72h	55	43.4	1.6	106	0.032	0.22	0.008	0.009	0.04	655	665	4	92
261	1.77	200	0.33*851*3660	CHROMATED	72h	55	43.4	1.6	105	0.032	0.22	0.008	0.009	0.04	660	670	3	93
262	1.77	200	0.33*851*3660	CHROMATED	72h	55	43.4	1.6	107	0.033	0.23	0.008	0.009	0.04	665	665	4	92
263	1.77	200	0.33*851*3660	CHROMATED	72h	55	43.4	1.6	104	0.032	0.21	0.009	0.009	0.04	660	665	3	92
264	1.779	200	0.33*851*3660	CHROMATED	72h	55	43.4	1.6	103	0.032	0.21	0.009	0.009	0.04	665	665	4	93
265	1.78	200	0.33*851*3660	CHROMATED	72h	55	43.4	1.6	104	0.031	0.25	0.007	0.01	0.04	660	670	3	92
266	1.77	200	0.33*851*3660	CHROMATED	72h	55	43.4	1.6	106	0.035	0.26	0.008	0.009	0.04	660	670	3	93
267	1.772	200	0.33*851*3660	CHROMATED	72h	55	43.4	1.6	108	0.032	0.22	0.008	0.009	0.04	655	665	4	92
268	1.779	200	0.33*851*3660	CHROMATED	72h	55	43.4	1.6	102	0.033	0.23	0.008	0.009	0.04	660	665	3	92
269	1.781	200	0.33*851*3660	CHROMATED	72h	55	43.4	1.6	107	0.032	0.21	0.009	0.009	0.04	665	665	4	93
270	1.778	200	0.33*851*3660	CHROMATED	72h	55	43.4	1.6	109	0.031	0.25	0.007	0.01	0.04	660	670	3	92
271	1.778	200	0.33*851*3660	CHROMATED	72h	55	43.4	1.6	104	0.035	0.26	0.008	0.009	0.04	660	665	3	92
272	1.775	200	0.33*851*3660	CHROMATED	72h	55	43.4	1.6	106	0.03	0.22	0.008	0.008	0.04	665	665	4	93
273	1.778	200	0.33*851*3660	CHROMATED	72h	55	43.4	1.6	105	0.032	0.22	0.008	0.009	0.04	660	670	3	92
274	1.763	200	0.33*851*3660	CHROMATED	72h	55	43.4	1.6	107	0.032	0.22	0.008	0.009	0.04	660	670	3	93
275	1.773	200	0.33*851*3660	CHROMATED	72h	55	43.4	1.6	104	0.033	0.23	0.008	0.009	0.04	655	665	4	92
276	1.771	200	0.33*851*3660	CHROMATED	72h	55	43.4	1.6	103	0.032	0.21	0.009	0.009	0.04	660	670	3	93
277	1.79	200	0.33*851*3660	CHROMATED	72h	55	43.4	1.6	104	0.032	0.21	0.009	0.009	0.04	665	665	4	92
278	1.783	200	0.33*851*3660	CHROMATED	72h	55	43.4	1.6	106	0.031	0.25	0.007	0.01	0.04	660	665	3	92
279	1.789	200	0.33*851*3660	CHROMATED	72h	55	43.4	1.6	108	0.035	0.26	0.008	0.009	0.04	665	665	4	93
280	1.775	200	0.33*851*3660	CHROMATED	72h	55	43.4	1.6	102	0.032	0.22	0.008	0.009	0.04	660	670	3	92
281	1.781	200	0.33*851*3660	CHROMATED	72h	55	43.4	1.6	107	0.032	0.21	0.009	0.009	0.04	660	670	3	93
282	1.787	200	0.33*851*3660	CHROMATED	72h	55	43.4	1.6	109	0.032	0.21	0.009	0.009	0.04	655	665	4	92
283	1.771	200	0.33*851*3660	CHROMATED	72h	55	43.4	1.6	104	0.031	0.25	0.007	0.01	0.04	660	665	3	92
284	1.788	200	0.33*851*3660	CHROMATED	72h	55	43.4	1.6	106	0.035	0.26	0.008	0.009	0.04	665	665	4	93
285	1.789	200	0.33*851*3660	CHROMATED	72h	55	43.4	1.6	105	0.035	0.26	0.008	0.009	0.04	660	670	3	92
286	1.777	200	0.33*851*3660	CHROMATED	72h	55	43.4	1.6	107	0.032	0.22	0.008	0.009	0.04	660	665	3	92
287	1.762	200	0.33*851*3660	CHROMATED	72h	55	43.4	1.6	104	0.033	0.23	0.008	0.009	0.04	665	665	4	93



捆号 PACK No.	重量 WEIGHT	片数 PIECE	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 ²)	化学成分 CHEMICAL COMPOSITION(%)					力学性能 MECHANIC PROPERTIES			
						Al	Zn	Si		C	Mn	P	S	Si	R _{el} (N/mm ²)	R _m (N/mm ²)	A (%)	HRB
288	1.757	200	0.33*851*3660	CHROMATED	72h	55	43.4	1.6	103	0.032	0.21	0.009	0.009	0.04	660	670	3	92
289	1.754	200	0.33*851*3660	CHROMATED	72h	55	43.4	1.6	104	0.031	0.25	0.007	0.01	0.04	660	670	3	93
290	1.766	200	0.33*851*3660	CHROMATED	72h	55	43.4	1.6	106	0.035	0.26	0.008	0.009	0.04	655	665	4	92
291	1.784	200	0.33*851*3660	CHROMATED	72h	55	43.4	1.6	108	0.03	0.22	0.008	0.008	0.04	660	670	3	93
292	1.778	200	0.33*851*3660	CHROMATED	72h	55	43.4	1.6	102	0.032	0.22	0.008	0.009	0.04	665	665	4	92
293	1.771	200	0.33*851*3660	CHROMATED	72h	55	43.4	1.6	107	0.032	0.22	0.008	0.009	0.04	660	665	3	92
294	1.765	200	0.33*851*3660	CHROMATED	72h	55	43.4	1.6	109	0.033	0.23	0.008	0.009	0.04	665	665	4	93
295	1.759	200	0.33*851*3660	CHROMATED	72h	55	43.4	1.6	104	0.032	0.21	0.009	0.009	0.04	660	670	3	92
296	1.765	200	0.33*851*3660	CHROMATED	72h	55	43.4	1.6	106	0.032	0.21	0.009	0.009	0.04	660	670	3	93
297	1.772	200	0.33*851*3660	CHROMATED	72h	55	43.4	1.6	105	0.031	0.25	0.007	0.01	0.04	655	665	4	92
298	1.772	200	0.33*851*3660	CHROMATED	72h	55	43.4	1.6	107	0.035	0.26	0.008	0.009	0.04	660	665	3	92
299	1.76	200	0.33*851*3660	CHROMATED	72h	55	43.4	1.6	104	0.032	0.22	0.008	0.009	0.04	665	665	4	93
300	1.763	200	0.33*851*3660	CHROMATED	72h	55	43.4	1.6	103	0.033	0.23	0.008	0.009	0.04	660	670	3	92
301	1.763	200	0.33*851*3660	CHROMATED	72h	55	43.4	1.6	104	0.035	0.26	0.008	0.009	0.04	660	665	3	92
302	1.766	200	0.33*851*3660	CHROMATED	72h	55	43.4	1.6	106	0.032	0.22	0.008	0.009	0.04	665	665	4	93
303	1.772	200	0.33*851*3660	CHROMATED	72h	55	43.4	1.6	108	0.033	0.23	0.008	0.009	0.04	660	670	3	92
304	1.772	200	0.33*851*3660	CHROMATED	72h	55	43.4	1.6	102	0.032	0.21	0.009	0.009	0.04	660	670	3	93
305	1.766	200	0.33*851*3660	CHROMATED	72h	55	43.4	1.6	107	0.031	0.25	0.007	0.01	0.04	655	665	4	92
306	1.782	200	0.33*851*3660	CHROMATED	72h	55	43.4	1.6	109	0.035	0.26	0.008	0.009	0.04	660	670	3	93
307	1.78	200	0.33*851*3660	CHROMATED	72h	55	43.4	1.6	104	0.03	0.22	0.008	0.008	0.04	665	665	4	92
308	1.774	200	0.33*851*3660	CHROMATED	72h	55	43.4	1.6	106	0.032	0.22	0.008	0.009	0.04	660	665	3	92
309	1.768	200	0.33*851*3660	CHROMATED	72h	55	43.4	1.6	105	0.032	0.22	0.008	0.009	0.04	665	665	4	93
310	1.78	200	0.33*851*3660	CHROMATED	72h	55	43.4	1.6	107	0.033	0.23	0.008	0.009	0.04	660	670	3	92
311	1.764	200	0.33*851*3660	CHROMATED	72h	55	43.4	1.6	104	0.032	0.21	0.009	0.009	0.04	660	670	3	93
312	1.776	200	0.33*851*3660	CHROMATED	72h	55	43.4	1.6	103	0.032	0.21	0.009	0.009	0.04	655	665	4	92
313	1.769	200	0.33*851*3660	CHROMATED	72h	55	43.4	1.6	104	0.031	0.25	0.007	0.01	0.04	660	665	3	92
314	1.774	200	0.33*851*3660	CHROMATED	72h	55	43.4	1.6	106	0.035	0.26	0.008	0.009	0.04	665	665	4	93
315	1.768	200	0.33*851*3660	CHROMATED	72h	55	43.4	1.6	108	0.032	0.22	0.008	0.009	0.04	660	670	3	92
316	1.762	200	0.33*851*3660	CHROMATED	72h	55	43.4	1.6	102	0.033	0.23	0.008	0.009	0.04	660	665	3	92
317	1.764	200	0.33*851*3660	CHROMATED	72h	55	43.4	1.6	107	0.032	0.21	0.009	0.009	0.04	665	665	4	93
318	1.768	200	0.33*851*3660	CHROMATED	72h	55	43.4	1.6	109	0.031	0.25	0.007	0.01	0.04	660	670	3	92
319	1.78	200	0.33*851*3660	CHROMATED	72h	55	43.4	1.6	104	0.035	0.26	0.008	0.009	0.04	660	670	3	93
320	1.775	200	0.33*851*3660	CHROMATED	72h	55	43.4	1.6	106	0.03	0.22	0.008	0.008	0.04	655	665	4	92
321	1.766	200	0.33*851*3660	CHROMATED	72h	55	43.4	1.6	105	0.032	0.22	0.008	0.009	0.04	660	670	3	93
322	1.765	200	0.33*851*3660	CHROMATED	72h	55	43.4	1.6	107	0.032	0.22	0.008	0.009	0.04	665	665	4	92
323	1.761	200	0.33*851*3660	CHROMATED	72h	55	43.4	1.6	104	0.033	0.23	0.008	0.009	0.04	660	665	3	92



捆号 PACK No.	重量 WEIGHT	片数 PIECE	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 ²)	化学成分 CHEMICAL COMPOSITION(%)					力学性能 MECHANIC PROPERTIES			
						Al	Zn	Si		C	Mn	P	S	Si	R _{el} (N/mm ²)	R _m (N/mm ²)	A (%)	HRB
324	1.772	200	0.33*851*3660	CHROMATED	72h	55	43.4	1.6	103	0.032	0.21	0.009	0.009	0.04	665	665	4	93
325	1.771	200	0.33*851*3660	CHROMATED	72h	55	43.4	1.6	104	0.032	0.21	0.009	0.009	0.04	660	670	3	92
326	1.764	200	0.33*851*3660	CHROMATED	72h	55	43.4	1.6	106	0.031	0.25	0.007	0.01	0.04	660	670	3	93
327	1.771	200	0.33*851*3660	CHROMATED	72h	55	43.4	1.6	108	0.035	0.26	0.008	0.009	0.04	655	665	4	92
328	1.768	200	0.33*851*3660	CHROMATED	72h	55	43.4	1.6	102	0.032	0.22	0.008	0.009	0.04	660	665	3	92
329	1.78	200	0.33*851*3660	CHROMATED	72h	55	43.4	1.6	107	0.033	0.23	0.008	0.009	0.04	665	665	4	93
330	1.769	200	0.33*851*3660	CHROMATED	72h	55	43.4	1.6	109	0.032	0.21	0.009	0.009	0.04	660	670	3	92
331	1.766	200	0.33*851*3660	CHROMATED	72h	55	43.4	1.6	104	0.031	0.25	0.007	0.01	0.04	660	665	3	92
332	1.761	200	0.33*851*3660	CHROMATED	72h	55	43.4	1.6	106	0.035	0.26	0.008	0.009	0.04	665	665	4	93
333	1.773	200	0.33*851*3660	CHROMATED	72h	55	43.4	1.6	105	0.03	0.22	0.008	0.008	0.04	660	670	3	92
334	1.779	200	0.33*851*3660	CHROMATED	72h	55	43.4	1.6	107	0.032	0.22	0.008	0.009	0.04	660	670	3	93
335	1.754	200	0.33*851*3660	CHROMATED	72h	55	43.4	1.6	104	0.032	0.22	0.008	0.009	0.04	655	665	4	92
336	1.772	200	0.33*851*3660	CHROMATED	72h	55	43.4	1.6	103	0.033	0.23	0.008	0.009	0.04	660	670	3	93
337	1.77	200	0.33*851*3660	CHROMATED	72h	55	43.4	1.6	104	0.032	0.21	0.009	0.009	0.04	665	665	4	92
338	1.774	200	0.33*851*3660	CHROMATED	72h	55	43.4	1.6	106	0.031	0.25	0.007	0.01	0.04	660	665	3	92
339	1.787	200	0.33*851*3660	CHROMATED	72h	55	43.4	1.6	108	0.032	0.22	0.008	0.009	0.04	665	665	4	93
340	1.782	200	0.33*851*3660	CHROMATED	72h	55	43.4	1.6	102	0.033	0.23	0.008	0.009	0.04	660	670	3	92
341	1.766	200	0.33*851*3660	CHROMATED	72h	55	43.4	1.6	107	0.032	0.21	0.009	0.009	0.04	660	670	3	93
342	1.782	200	0.33*851*3660	CHROMATED	72h	55	43.4	1.6	109	0.031	0.25	0.007	0.01	0.04	655	665	4	92
343	1.775	200	0.33*851*3660	CHROMATED	72h	55	43.4	1.6	104	0.035	0.26	0.008	0.009	0.04	660	665	3	92
344	1.794	200	0.33*851*3660	CHROMATED	72h	55	43.4	1.6	106	0.032	0.22	0.008	0.009	0.04	665	665	4	93
345	1.799	200	0.33*851*3660	CHROMATED	72h	55	43.4	1.6	105	0.033	0.23	0.008	0.009	0.04	660	670	3	92
346	1.962	220	0.33*851*3660	CHROMATED	72h	55	43.4	1.6	107	0.035	0.26	0.008	0.009	0.04	660	665	3	92
347	1.946	200	0.33*851*4000	CHROMATED	72h	55	43.4	1.6	104	0.032	0.22	0.008	0.009	0.04	665	665	4	93
348	1.939	200	0.33*851*4000	CHROMATED	72h	55	43.4	1.6	103	0.033	0.23	0.008	0.009	0.04	660	670	3	92
349	1.95	200	0.33*851*4000	CHROMATED	72h	55	43.4	1.6	104	0.032	0.21	0.009	0.009	0.04	660	670	3	93
350	1.917	200	0.33*851*4000	CHROMATED	72h	55	43.4	1.6	106	0.031	0.25	0.007	0.01	0.04	655	665	4	92
351	2.436	255	0.33*851*4000	CHROMATED	72h	55	43.4	1.6	108	0.035	0.26	0.008	0.009	0.04	660	670	3	93
	338.27																	

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.

质量部
DEPARTMENT



XINGHAN

冠县众冠新材料有限公司

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

LOT B

产品质量证明书

MILL'S TEST CERTIFICATE

订货单位 CUSTOMER		CUMIC STEEL LIMITED								钢号 GR.37	产品名称 PRODUCT				GALVALUME STEEL CORRUGATED SHEETS 5V			
收货单位 PURCHASER		CUMIC STEEL LIMITED									签发日期 DATE				2024.7.10			
标准 SPECIFICATION		ASTM A792M									合同号 CONTRACT NO.				ZG202404302517			
捆号 PACK No.	重量 WEIGHT	片数 PIECE	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 ²)	化学成分 CHEMICAL COMPOSITION (%)					力学性能 MECHANIC PROPERTIES			
						Al	Zn	Si		C	Mn	P	S	Si	R _{el} (N/mm ²)	R _m (N/mm ²)	A (%)	HRB
100	0.943	200	0.33*895*2000	CHROMATED	72h	55	43.4	1.6	104	0.033	0.23	0.008	0.009	0.04	450	465	27	76
101	0.945	200	0.33*895*2000	CHROMATED	72h	55	43.4	1.6	103	0.032	0.21	0.009	0.009	0.04	455	465	26	75
102	0.947	200	0.33*895*2000	CHROMATED	72h	55	43.4	1.6	104	0.032	0.21	0.009	0.009	0.04	450	470	27	76
103	0.946	200	0.33*895*2000	CHROMATED	72h	55	43.4	1.6	106	0.031	0.25	0.007	0.01	0.04	455	470	26	75
104	0.946	200	0.33*895*2000	CHROMATED	72h	55	43.4	1.6	108	0.035	0.26	0.008	0.009	0.04	455	465	27	76
105	0.947	200	0.33*895*2000	CHROMATED	72h	55	43.4	1.6	102	0.032	0.22	0.008	0.009	0.04	450	470	28	76
106	0.942	200	0.33*895*2000	CHROMATED	72h	55	43.4	1.6	107	0.033	0.23	0.008	0.009	0.04	455	465	26	76
107	0.946	200	0.33*895*2000	CHROMATED	72h	55	43.4	1.6	109	0.032	0.21	0.009	0.009	0.04	450	465	27	76
108	0.946	200	0.33*895*2000	CHROMATED	72h	55	43.4	1.6	104	0.031	0.25	0.007	0.01	0.04	455	465	26	75
109	0.944	200	0.33*895*2000	CHROMATED	72h	55	43.4	1.6	106	0.035	0.26	0.008	0.009	0.04	450	470	27	76
110	0.946	200	0.33*895*2000	CHROMATED	72h	55	43.4	1.6	105	0.03	0.22	0.008	0.008	0.04	455	470	26	75
111	0.95	200	0.33*895*2000	CHROMATED	72h	55	43.4	1.6	107	0.032	0.22	0.008	0.009	0.04	455	465	27	76
112	0.942	200	0.33*895*2000	CHROMATED	72h	55	43.4	1.6	104	0.032	0.22	0.008	0.009	0.04	455	465	26	76
86	0.943	200	0.33*895*2000	CHROMATED	72h	55	43.4	1.6	103	0.033	0.23	0.008	0.009	0.04	450	465	27	76
87	0.943	200	0.33*895*2000	CHROMATED	72h	55	43.4	1.6	104	0.032	0.21	0.009	0.009	0.04	455	465	27	75
88	0.946	200	0.33*895*2000	CHROMATED	72h	55	43.4	1.6	106	0.031	0.25	0.007	0.01	0.04	455	470	28	76
89	0.948	200	0.33*895*2000	CHROMATED	72h	55	43.4	1.6	108	0.032	0.22	0.008	0.009	0.04	455	470	27	76
90	0.946	200	0.33*895*2000	CHROMATED	72h	55	43.4	1.6	102	0.033	0.23	0.008	0.009	0.04	455	470	28	75
91	0.942	200	0.33*895*2000	CHROMATED	72h	55	43.4	1.6	107	0.032	0.21	0.009	0.009	0.04	450	465	27	75
92	0.947	200	0.33*895*2000	CHROMATED	72h	55	43.4	1.6	109	0.031	0.25	0.007	0.01	0.04	455	470	26	76
93	0.95	200	0.33*895*2000	CHROMATED	72h	55	43.4	1.6	104	0.035	0.26	0.008	0.009	0.04	450	465	27	75
94	0.945	200	0.33*895*2000	CHROMATED	72h	55	43.4	1.6	106	0.032	0.22	0.008	0.009	0.04	455	470	27	76
95	0.952	200	0.33*895*2000	CHROMATED	72h	55	43.4	1.6	105	0.033	0.23	0.008	0.009	0.04	455	470	28	76



捆号 PACK No.	重量 WEIGHT	片数 PIECE	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 ²)	化学成分 CHEMICAL COMPOSITION(%)					力学性能 MECHANIC PROPERTIES			
						Al	Zn	Si		C	Mn	P	S	Si	R _{el} (N/mm ²)	R _m (N/mm ²)	A(%)	HRB
96	0.945	200	0.33*895*2000	CHROMATED	72h	55	43.4	1.6	107	0.035	0.26	0.008	0.009	0.04	455	465	27	75
97	0.944	200	0.33*895*2000	CHROMATED	72h	55	43.4	1.6	104	0.032	0.22	0.008	0.009	0.04	455	470	28	76
98	0.947	200	0.33*895*2000	CHROMATED	72h	55	43.4	1.6	103	0.033	0.23	0.008	0.009	0.04	455	470	27	76
99	0.947	200	0.33*895*2000	CHROMATED	72h	55	43.4	1.6	104	0.032	0.21	0.009	0.009	0.04	455	470	28	75
113	1.171	200	0.33*895*2500	CHROMATED	72h	55	43.4	1.6	106	0.031	0.25	0.007	0.01	0.04	450	465	27	75
114	1.177	200	0.33*895*2500	CHROMATED	72h	55	43.4	1.6	108	0.035	0.26	0.008	0.009	0.04	455	470	26	76
115	1.18	200	0.33*895*2500	CHROMATED	72h	55	43.4	1.6	102	0.03	0.22	0.008	0.008	0.04	450	465	27	75
116	1.175	200	0.33*895*2500	CHROMATED	72h	55	43.4	1.6	107	0.032	0.22	0.008	0.009	0.04	455	470	27	76
36	1.181	200	0.33*895*2500	CHROMATED	72h	55	43.4	1.6	109	0.032	0.22	0.008	0.009	0.04	455	470	28	76
37	1.179	200	0.33*895*2500	CHROMATED	72h	55	43.4	1.6	104	0.033	0.23	0.008	0.009	0.04	450	465	27	75
38	1.179	200	0.33*895*2500	CHROMATED	72h	55	43.4	1.6	106	0.032	0.21	0.009	0.009	0.04	455	465	26	76
39	1.176	200	0.33*895*2500	CHROMATED	72h	55	43.4	1.6	105	0.032	0.21	0.009	0.009	0.04	450	465	27	76
40	1.181	200	0.33*895*2500	CHROMATED	72h	55	43.4	1.6	107	0.031	0.25	0.007	0.01	0.04	455	470	28	76
41	1.178	200	0.33*895*2500	CHROMATED	72h	55	43.4	1.6	104	0.035	0.26	0.008	0.009	0.04	450	465	27	75
42	1.178	200	0.33*895*2500	CHROMATED	72h	55	43.4	1.6	103	0.032	0.22	0.008	0.009	0.04	455	470	26	76
43	1.18	200	0.33*895*2500	CHROMATED	72h	55	43.4	1.6	104	0.033	0.23	0.008	0.009	0.04	450	465	27	75
44	1.178	200	0.33*895*2500	CHROMATED	72h	55	43.4	1.6	106	0.032	0.21	0.009	0.009	0.04	455	465	26	76
45	1.177	200	0.33*895*2500	CHROMATED	72h	55	43.4	1.6	108	0.031	0.25	0.007	0.01	0.04	455	465	27	76
46	1.169	200	0.33*895*2500	CHROMATED	72h	55	43.4	1.6	102	0.035	0.26	0.008	0.009	0.04	450	470	28	76
47	1.171	200	0.33*895*2500	CHROMATED	72h	55	43.4	1.6	107	0.03	0.22	0.008	0.008	0.04	455	470	26	76
48	1.178	200	0.33*895*2500	CHROMATED	72h	55	43.4	1.6	109	0.032	0.22	0.008	0.009	0.04	450	465	27	75
49	1.184	200	0.33*895*2500	CHROMATED	72h	55	43.4	1.6	104	0.032	0.22	0.008	0.009	0.04	455	465	28	76
50	1.182	200	0.33*895*2500	CHROMATED	72h	55	43.4	1.6	106	0.033	0.23	0.008	0.009	0.04	450	465	27	76
51	1.185	200	0.33*895*2500	CHROMATED	72h	55	43.4	1.6	105	0.032	0.21	0.009	0.009	0.04	455	465	26	75
52	1.175	200	0.33*895*2500	CHROMATED	72h	55	43.4	1.6	107	0.032	0.21	0.009	0.009	0.04	450	470	27	76
53	1.172	200	0.33*895*2500	CHROMATED	72h	55	43.4	1.6	104	0.031	0.25	0.007	0.01	0.04	455	470	26	75
54	1.176	200	0.33*895*2500	CHROMATED	72h	55	43.4	1.6	103	0.035	0.26	0.008	0.009	0.04	455	465	27	76
55	1.177	200	0.33*895*2500	CHROMATED	72h	55	43.4	1.6	104	0.032	0.22	0.008	0.009	0.04	450	470	28	76
56	1.182	200	0.33*895*2500	CHROMATED	72h	55	43.4	1.6	106	0.032	0.22	0.008	0.009	0.04	455	465	28	76
57	1.183	200	0.33*895*2500	CHROMATED	72h	55	43.4	1.6	108	0.033	0.23	0.008	0.009	0.04	450	465	27	76
58	1.177	200	0.33*895*2500	CHROMATED	72h	55	43.4	1.6	102	0.032	0.21	0.009	0.009	0.04	455	465	26	75
59	1.178	200	0.33*895*2500	CHROMATED	72h	55	43.4	1.6	107	0.032	0.21	0.009	0.009	0.04	450	470	27	76
60	1.181	200	0.33*895*2500	CHROMATED	72h	55	43.4	1.6	109	0.031	0.25	0.007	0.01	0.04	455	470	28	75
61	1.178	200	0.33*895*2500	CHROMATED	72h	55	43.4	1.6	104	0.035	0.26	0.008	0.009	0.04	455	465	27	76
62	1.181	200	0.33*895*2500	CHROMATED	72h	55	43.4	1.6	106	0.032	0.22	0.008	0.009	0.04	450	470	28	76
63	1.182	200	0.33*895*2500	CHROMATED	72h	55	43.4	1.6	105	0.035	0.26	0.008	0.009	0.04	455	465	27	75



捆号 PACK No.	重量 WEIGHT	片数 PIECE	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 ²)	化学成分 CHEMICAL COMPOSITION(%)					力学性能 MECHANIC PROPERTIES			
						Al	Zn	Si		C	Mn	P	S	Si	R _{el} (N/mm ²)	R _m (N/mm ²)	A(%)	HRB
64	1.184	200	0.33*895*2500	CHROMATED	72h	55	43.4	1.6	107	0.032	0.22	0.008	0.009	0.04	455	470	28	76
65	1.182	200	0.33*895*2500	CHROMATED	72h	55	43.4	1.6	104	0.033	0.23	0.008	0.009	0.04	455	470	27	76
66	1.182	200	0.33*895*2500	CHROMATED	72h	55	43.4	1.6	103	0.032	0.21	0.009	0.009	0.04	455	470	28	75
67	1.185	200	0.33*895*2500	CHROMATED	72h	55	43.4	1.6	104	0.031	0.25	0.007	0.01	0.04	450	465	27	75
68	1.182	200	0.33*895*2500	CHROMATED	72h	55	43.4	1.6	106	0.035	0.26	0.008	0.009	0.04	455	470	26	76
69	1.187	200	0.33*895*2500	CHROMATED	72h	55	43.4	1.6	108	0.03	0.22	0.008	0.008	0.04	450	465	27	75
70	1.189	200	0.33*895*2500	CHROMATED	72h	55	43.4	1.6	102	0.032	0.22	0.008	0.009	0.04	455	470	27	76
71	1.188	200	0.33*895*2500	CHROMATED	72h	55	43.4	1.6	107	0.032	0.22	0.008	0.009	0.04	455	470	28	76
72	1.185	200	0.33*895*2500	CHROMATED	72h	55	43.4	1.6	109	0.033	0.23	0.008	0.009	0.04	450	465	27	75
73	1.186	200	0.33*895*2500	CHROMATED	72h	55	43.4	1.6	104	0.032	0.21	0.009	0.009	0.04	455	465	26	76
74	1.183	200	0.33*895*2500	CHROMATED	72h	55	43.4	1.6	106	0.032	0.21	0.009	0.009	0.04	450	465	27	76
75	1.19	200	0.33*895*2500	CHROMATED	72h	55	43.4	1.6	105	0.031	0.25	0.007	0.01	0.04	455	470	28	76
76	1.184	200	0.33*895*2500	CHROMATED	72h	55	43.4	1.6	107	0.035	0.26	0.008	0.009	0.04	450	465	27	75
77	1.185	200	0.33*895*2500	CHROMATED	72h	55	43.4	1.6	104	0.032	0.22	0.008	0.009	0.04	455	470	26	76
78	1.19	200	0.33*895*2500	CHROMATED	72h	55	43.4	1.6	103	0.033	0.23	0.008	0.009	0.04	450	465	27	75
79	1.185	200	0.33*895*2500	CHROMATED	72h	55	43.4	1.6	104	0.035	0.26	0.008	0.009	0.04	455	465	27	75
80	1.181	200	0.33*895*2500	CHROMATED	72h	55	43.4	1.6	106	0.032	0.22	0.008	0.009	0.04	455	470	28	76
81	1.181	200	0.33*895*2500	CHROMATED	72h	55	43.4	1.6	108	0.033	0.23	0.008	0.009	0.04	455	470	27	76
82	1.186	200	0.33*895*2500	CHROMATED	72h	55	43.4	1.6	102	0.032	0.21	0.009	0.009	0.04	455	470	28	75
83	1.183	200	0.33*895*2500	CHROMATED	72h	55	43.4	1.6	107	0.031	0.25	0.007	0.01	0.04	450	465	27	75
84	1.181	200	0.33*895*2500	CHROMATED	72h	55	43.4	1.6	109	0.035	0.26	0.008	0.009	0.04	455	470	26	76
85	1.181	200	0.33*895*2500	CHROMATED	72h	55	43.4	1.6	104	0.03	0.22	0.008	0.008	0.04	450	465	27	75
19	1.416	200	0.33*895*3000	CHROMATED	72h	55	43.4	1.6	106	0.032	0.22	0.008	0.009	0.04	455	470	27	76
20	1.417	200	0.33*895*3000	CHROMATED	72h	55	43.4	1.6	105	0.032	0.22	0.008	0.009	0.04	455	470	28	76
21	1.425	200	0.33*895*3000	CHROMATED	72h	55	43.4	1.6	107	0.033	0.23	0.008	0.009	0.04	450	465	27	75
22	1.417	200	0.33*895*3000	CHROMATED	72h	55	43.4	1.6	104	0.032	0.21	0.009	0.009	0.04	455	465	26	76
23	1.415	200	0.33*895*3000	CHROMATED	72h	55	43.4	1.6	103	0.032	0.21	0.009	0.009	0.04	450	465	27	76
24	1.415	200	0.33*895*3000	CHROMATED	72h	55	43.4	1.6	104	0.031	0.25	0.007	0.01	0.04	455	470	28	76
25	1.413	200	0.33*895*3000	CHROMATED	72h	55	43.4	1.6	106	0.035	0.26	0.008	0.009	0.04	450	465	27	75
26	1.411	200	0.33*895*3000	CHROMATED	72h	55	43.4	1.6	108	0.032	0.22	0.008	0.009	0.04	455	470	26	76
27	1.415	200	0.33*895*3000	CHROMATED	72h	55	43.4	1.6	102	0.033	0.23	0.008	0.009	0.04	450	465	27	75
28	1.415	200	0.33*895*3000	CHROMATED	72h	55	43.4	1.6	107	0.032	0.21	0.009	0.009	0.04	455	465	26	76
29	1.423	200	0.33*895*3000	CHROMATED	72h	55	43.4	1.6	109	0.031	0.25	0.007	0.01	0.04	455	465	27	76
30	1.414	200	0.33*895*3000	CHROMATED	72h	55	43.4	1.6	104	0.035	0.26	0.008	0.009	0.04	450	470	28	76
31	1.416	200	0.33*895*3000	CHROMATED	72h	55	43.4	1.6	106	0.03	0.22	0.008	0.008	0.04	455	470	26	76
32	1.416	200	0.33*895*3000	CHROMATED	72h	55	43.4	1.6	105	0.032	0.22	0.008	0.009	0.04	450	465	27	75



捆号 PACK No.	重量 WEIGHT	片数 PIECE	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 ²)	化学成分 CHEMICAL COMPOSITION(%)					力学性能 MECHANIC PROPERTIES			
						Al	Zn	Si		C	Mn	P	S	Si	R _{eL} (N/mm ²)	R _m (N/mm ²)	A (%)	HRB
33	1.413	200	0.33*895*3000	CHROMATED	72h	55	43.4	1.6	107	0.032	0.22	0.008	0.009	0.04	455	465	28	76
34	1.413	200	0.33*895*3000	CHROMATED	72h	55	43.4	1.6	104	0.033	0.23	0.008	0.009	0.04	450	465	27	76
35	1.413	200	0.33*895*3000	CHROMATED	72h	55	43.4	1.6	103	0.032	0.21	0.009	0.009	0.04	455	465	26	75
1	1.654	200	0.33*895*3500	CHROMATED	72h	55	43.4	1.6	104	0.032	0.21	0.009	0.009	0.04	450	470	27	76
10	1.645	200	0.33*895*3500	CHROMATED	72h	55	43.4	1.6	106	0.031	0.25	0.007	0.01	0.04	455	470	26	75
11	1.639	200	0.33*895*3500	CHROMATED	72h	55	43.4	1.6	108	0.035	0.26	0.008	0.009	0.04	455	465	27	76
12	1.647	200	0.33*895*3500	CHROMATED	72h	55	43.4	1.6	102	0.032	0.22	0.008	0.009	0.04	450	470	28	76
13	1.644	200	0.33*895*3500	CHROMATED	72h	55	43.4	1.6	107	0.033	0.23	0.008	0.009	0.04	455	465	26	76
14	1.643	200	0.33*895*3500	CHROMATED	72h	55	43.4	1.6	109	0.032	0.21	0.009	0.009	0.04	450	465	27	76
15	1.649	200	0.33*895*3500	CHROMATED	72h	55	43.4	1.6	104	0.031	0.25	0.007	0.01	0.04	455	465	26	75
16	1.646	200	0.33*895*3500	CHROMATED	72h	55	43.4	1.6	106	0.035	0.26	0.008	0.009	0.04	450	470	27	76
17	1.643	200	0.33*895*3500	CHROMATED	72h	55	43.4	1.6	105	0.03	0.22	0.008	0.008	0.04	455	470	26	75
18	1.646	200	0.33*895*3500	CHROMATED	72h	55	43.4	1.6	107	0.032	0.22	0.008	0.009	0.04	455	465	27	76
2	1.646	200	0.33*895*3500	CHROMATED	72h	55	43.4	1.6	104	0.032	0.22	0.008	0.009	0.04	455	465	26	76
3	1.646	200	0.33*895*3500	CHROMATED	72h	55	43.4	1.6	103	0.033	0.23	0.008	0.009	0.04	450	465	27	76
4	1.648	200	0.33*895*3500	CHROMATED	72h	55	43.4	1.6	104	0.032	0.21	0.009	0.009	0.04	455	465	27	75
5	1.644	200	0.33*895*3500	CHROMATED	72h	55	43.4	1.6	106	0.031	0.25	0.007	0.01	0.04	455	470	28	76
6	1.637	200	0.33*895*3500	CHROMATED	72h	55	43.4	1.6	108	0.032	0.22	0.008	0.009	0.04	455	470	27	76
7	1.647	200	0.33*895*3500	CHROMATED	72h	55	43.4	1.6	102	0.033	0.23	0.008	0.009	0.04	455	470	28	75
8	1.646	200	0.33*895*3500	CHROMATED	72h	55	43.4	1.6	107	0.032	0.21	0.009	0.009	0.04	450	465	27	75
9	1.644	200	0.33*895*3500	CHROMATED	72h	55	43.4	1.6	107	0.032	0.21	0.009	0.009	0.04	450	465	27	75
	142.977																	

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.

质量部
DEPARTM



XINGHAN

冠县众冠新材料有限公司

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

LOT C

产品质量证明书

MILL'S TEST CERTIFICATE

订货单位 CUSTOMER		CUMIC STEEL LIMITED								钢号 GR.37	产品名称 PRODUCT		GALVALUME STEEL CORRUGATED SHEETS					
收货单位 PURCHASER		CUMIC STEEL LIMITED									签发日期 OF ISSUE		DATE		2024.7.10			
标准 SPECIFICATION		ASTM A792M									合同号 NO.		CONTRACT		ZG202404302517			
捆号 PACK No.	重量 WEIGHT	片数 PIECE	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 ²)	化学成分 CHEMICAL COMPOSITION(%)					力学性能 MECHANIC PROPERTIES			
						Al	Zn	Si		C	Mn	P	S	Si	R _{el} (N/mm ²)	R _m (N/mm ²)	A (%)	HRB
390	2.105	200	0.4*851*3660	CHROMATED	72h	55	43.4	1.6	155	0.03	0.22	0.008	0.008	0.04	665	665	4	92
391	2.106	200	0.4*851*3660	CHROMATED	72h	55	43.4	1.6	158	0.032	0.22	0.008	0.009	0.04	660	665	3	92
392	2.11	200	0.4*851*3660	CHROMATED	72h	55	43.4	1.6	154	0.032	0.22	0.008	0.009	0.04	665	665	4	93
393	2.112	200	0.4*851*3660	CHROMATED	72h	55	43.4	1.6	156	0.033	0.23	0.008	0.009	0.04	660	670	3	92
394	2.112	200	0.4*851*3660	CHROMATED	72h	55	43.4	1.6	157	0.032	0.21	0.009	0.009	0.04	660	670	3	93
395	2.114	200	0.4*851*3660	CHROMATED	72h	55	43.4	1.6	155	0.032	0.21	0.009	0.009	0.04	655	665	4	92
396	2.121	200	0.4*851*3660	CHROMATED	72h	55	43.4	1.6	153	0.031	0.25	0.007	0.01	0.04	660	665	3	92
397	2.491	238	0.4*851*3660	CHROMATED	72h	55	43.4	1.6	154	0.035	0.26	0.008	0.009	0.04	665	665	4	93
428	2.1	200	0.4*851*3660	CHROMATED	72h	55	43.4	1.6	156	0.032	0.22	0.008	0.009	0.04	660	670	3	92
429	2.103	200	0.4*851*3660	CHROMATED	72h	55	43.4	1.6	158	0.033	0.23	0.008	0.009	0.04	660	665	3	92
	21.474																	
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.																	质量部 DEPARTM	



XINGHAN

MILL'S TEST CERTIFICATE
产品质量证明书

冠县众冠新材料有限公司
GUANXIAN ZHONGGUAN NEW MATERIALS CO.,LTD
地址：中国山东聊城冠县新世纪工业园

LOT D

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

定货单位 CUSTOMER			CUMIC STEEL LIMITED													合同号 CONTRACT NO.				ZG202404302517					
产品名称 NAME OF PRODUCT			PREPAINTED GALVALUME STEEL CORRUGATED SHEETS													证明书日期 T/C ISSUE DATE				2024.7.10					
捆号 PACK NO.	捆重 NET WEIGHT	片数 PIECE	规格及数量 MATERIAL DESCRIPTION			化学成分 CHEMICAL COMPOSITION% (熔炼分析 HEAT ANALYSIS)					力学性能 MECHANIC PROPERTIES				镀层重量 COATING	涂层性能 COAT PROPERTY									
			规格mm SIZE	面漆 Top paint	背漆 Back paint	C	Mn	P	S	Si	R _{el}	R _m	A	硬度 HARDNESS	两面 BOTH	面漆涂 层厚度 facial coating	背漆涂 层厚度 Back coating	面漆涂 层T弯 T-bend	背漆涂 层T弯 T-bend	反向冲 击 impact test	涂层擦 拭 wipe coating	光泽 gloss	涂层色 差 chromatic ity difference		
399	1.688	200	0.33*851*3660	RAL3009	RAL9002	0.035	0.26	0.008	0.009	0.04	432	460	28	76	53	20	8	2T	2T	9J	120/80	27.8	0.31		
400	1.694	200	0.33*851*3660	RAL3009	RAL9002	0.035	0.26	0.008	0.009	0.04	435	465	28	75	54	20	8	2T	2T	9J	120/80	28.6	0.31		
401	1.707	200	0.33*851*3660	RAL3009	RAL9002	0.035	0.26	0.008	0.009	0.04	425	455	27	75	56	20	8	2T	2T	9J	120/80	28.5	0.31		
402	1.698	200	0.33*851*3660	RAL3009	RAL9002	0.035	0.26	0.008	0.009	0.04	455	480	26	76	54	20	8	2T	2T	9J	120/80	29.6	0.33		
403	1.682	200	0.33*851*3660	RAL3009	RAL9002	0.035	0.26	0.008	0.009	0.04	450	465	27	75	55	20	8	2T	2T	9J	120/80	29.7	0.31		
404	1.685	200	0.33*851*3660	RAL3009	RAL9002	0.035	0.26	0.008	0.009	0.04	455	470	27	76	58	20	8	2T	2T	9J	120/80	28.5	0.31		
406	1.674	200	0.33*851*3660	RAL3009	RAL9002	0.035	0.26	0.008	0.009	0.04	455	470	28	76	59	20	8	2T	2T	9J	120/80	29.1	0.31		
407	1.672	200	0.33*851*3660	RAL3009	RAL9002	0.035	0.26	0.008	0.009	0.04	435	460	28	76	57	20	8	2T	2T	9J	120/80	27.8	0.32		
408	1.698	200	0.33*851*3660	RAL3009	RAL9002	0.035	0.26	0.008	0.009	0.04	430	465	28	75	57	20	8	2T	2T	9J	120/80	28.6	0.31		
410	1.686	200	0.33*851*3660	RAL3009	RAL9002	0.035	0.26	0.008	0.009	0.04	425	455	27	75	54	20	8	2T	2T	9J	120/80	28.5	0.31		
411	1.69	200	0.33*851*3660	RAL3009	RAL9002	0.035	0.26	0.008	0.009	0.04	455	480	26	76	56	20	8	2T	2T	9J	120/80	29.6	0.31		
412	1.705	200	0.33*851*3660	RAL3009	RAL9002	0.035	0.26	0.008	0.009	0.04	450	465	27	75	54	20	8	2T	2T	9J	120/80	29.7	0.32		
414	1.688	200	0.33*851*3660	RAL3009	RAL9002	0.035	0.26	0.008	0.009	0.04	455	470	27	76	55	20	8	2T	2T	9J	120/80	28.5	0.31		
398	1.772	200	0.33*851*3660	RAL3009	RAL9002	0.035	0.26	0.008	0.009	0.04	455	470	28	76	58	20	8	2T	2T	9J	120/80	29.1	0.31		
415	1.677	200	0.33*851*3660	RAL3009	RAL9002	0.035	0.26	0.008	0.009	0.04	435	460	28	76	59	20	8	2T	2T	9J	120/80	27.8	0.31		
416	1.718	200	0.33*851*3660	RAL3009	RAL9002	0.035	0.26	0.008	0.009	0.04	430	465	28	75	57	20	8	2T	2T	9J	120/80	28.6	0.31		
417	1.702	200	0.33*851*3660	RAL3009	RAL9002	0.035	0.26	0.008	0.009	0.04	425	455	27	75	57	20	8	2T	2T	9J	120/80	28.5	0.31		
418	1.69	200	0.33*851*3660	RAL3009	RAL9002	0.035	0.26	0.008	0.009	0.04	455	480	26	76	54	20	8	2T	2T	9J	120/80	29.6	0.31		
419	1.687	200	0.33*851*3660	RAL3009	RAL9002	0.035	0.26	0.008	0.009	0.04	450	465	27	75	56	20	8	2T	2T	9J	120/80	29.7	0.31		



XINGHAN

MILL'S TEST CERTIFICATE
产品质量证明书

冠县众冠新材料有限公司

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

定货单位 CUSTOMER		CUMIC STEEL LIMITED								合同号 CONTRACT NO.				ZG202404302517											
产品名称 NAME OF PRODUCT		PREPAINTED GALVALUME STEEL CORRUGATED SHEETS								证明书日期 T/C ISSUE DATE				2024.7.10											
捆号 PACK NO.	捆重 NET WEIGHT	片数 PIECE	规格及数量 MATERIAL DESCRIPTION			化学成分 CHEMICAL COMPOSITION% (熔炼分析 HEAT ANALYSIS)					力学性能 MECHANIC PROPERTIES				镀层重量 COATING	涂层性能 COAT PROPERTY									
			规格mm SIZE	面漆 Top paint	背漆 Back paint	C	Mn	P	S	Si	R_{el}	R_m	A	硬度 HARDNESS		两面 BOTH	面漆涂 层厚度 facial coating	背漆涂 层厚度 Back coating	面漆涂 层T弯 T-bend	背漆涂 层T弯 T-bend	反向冲 击 impact test	涂层擦 拭 wipe coating	光泽 gloss	涂层色 差 chromatici ty difference	
420	1.7	200	0.33*851*3660	RAL3009	RAL9002	0.035	0.26	0.008	0.009	0.04	455	470	27	76	54	20	8	2T	2T	9J	120/80	28.5	0.31		
422	1.724	200	0.33*851*3660	RAL3009	RAL9002	0.035	0.26	0.008	0.009	0.04	455	470	28	76	55	20	8	2T	2T	9J	120/80	29.1	0.31		
423	1.676	200	0.33*851*3660	RAL3009	RAL9002	0.035	0.26	0.008	0.009	0.04	435	460	28	76	58	20	8	2T	2T	9J	120/80	27.8	0.31		
424	1.718	200	0.33*851*3660	RAL3009	RAL9002	0.035	0.26	0.008	0.009	0.04	455	470	27	76	55	20	8	2T	2T	9J	120/80	28.6	0.31		
425	1.683	200	0.33*851*3660	RAL3009	RAL9002	0.035	0.26	0.008	0.009	0.04	455	470	28	76	57	20	8	2T	2T	9J	120/80	28.5	0.31		
426	2.108	250	0.33*851*3660	RAL3009	RAL9002	0.035	0.26	0.008	0.009	0.04	435	460	28	76	53	20	8	2T	2T	9J	120/80	28.2	0.32		
	42.822																								

NOTE: R_{el} : lower yield strength R_m : tensile strength A: percentage elongation after fracture

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.



XINGHAN

冠县众冠新材料有限公司

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

产品质量证明书

MILL'S TEST CERTIFICATE

LOT E

订货单位 CUSTOMER		CUMIC STEEL LIMITED								钢号 GR.37	产品名称 PRODUCT		GALVALUME STEEL PLAIN SHEETS					
收货单位 PURCHASER		CUMIC STEEL LIMITED									签发日期 OF ISSUE		DATE 2024.7.10					
标准 SPECIFICATION		ASTM A792M									合同号 NO.		CONTRACT ZG202404302517					
捆号 PACK No.	重量 WEIGHT	片数 PIECE	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 mass(g/m ²)	化学成分 CHEMICAL COMPOSITION(%)					力学性能 MECHANIC PROPERTIES			
						Al	Zn	Si		C	Mn	P	S	Si	R _{el} (N/mm ²)	R _m (N/mm ²)	A (%)	HRB
352	1.8	200	0.4*1000*3000	CHROMATED	72h	55	43.4	1.6	155	0.032	0.21	0.009	0.009	0.04	330	380	30	63
353	1.802	200	0.4*1000*3000	CHROMATED	72h	55	43.4	1.6	158	0.031	0.25	0.007	0.01	0.04	333	385	31	64
354	1.809	200	0.4*1000*3000	CHROMATED	72h	55	43.4	1.6	154	0.035	0.26	0.008	0.009	0.04	325	385	31	62.5
355	1.812	200	0.4*1000*3000	CHROMATED	72h	55	43.4	1.6	156	0.03	0.22	0.008	0.008	0.04	330	388	32	62
356	1.818	200	0.4*1000*3000	CHROMATED	72h	55	43.4	1.6	157	0.032	0.22	0.008	0.009	0.04	330	380	30	63
357	1.817	200	0.4*1000*3000	CHROMATED	72h	55	43.4	1.6	155	0.032	0.22	0.008	0.009	0.04	333	385	32	64
358	1.81	200	0.4*1000*3000	CHROMATED	72h	55	43.4	1.6	153	0.033	0.23	0.008	0.009	0.04	325	385	31	62.5
359	1.814	200	0.4*1000*3000	CHROMATED	72h	55	43.4	1.6	154	0.032	0.21	0.009	0.009	0.04	330	380	32	62
360	1.816	200	0.4*1000*3000	CHROMATED	72h	55	43.4	1.6	156	0.032	0.21	0.009	0.009	0.04	330	380	30	63
362	1.812	200	0.4*1000*3000	CHROMATED	72h	55	43.4	1.6	158	0.031	0.25	0.007	0.01	0.04	333	385	32	64
363	1.813	200	0.4*1000*3000	CHROMATED	72h	55	43.4	1.6	155	0.035	0.26	0.008	0.009	0.04	330	380	30	63
365	1.814	200	0.4*1000*3000	CHROMATED	72h	55	43.4	1.6	158	0.032	0.22	0.008	0.009	0.04	333	385	31	64
367	1.809	200	0.4*1000*3000	CHROMATED	72h	55	43.4	1.6	154	0.032	0.22	0.008	0.009	0.04	325	380	31	62.5
368	1.81	200	0.4*1000*3000	CHROMATED	72h	55	43.4	1.6	156	0.033	0.23	0.008	0.009	0.04	330	385	32	62
369	1.808	200	0.4*1000*3000	CHROMATED	72h	55	43.4	1.6	157	0.032	0.21	0.009	0.009	0.04	330	385	31	63
370	1.902	210	0.4*1000*3000	CHROMATED	72h	55	43.4	1.6	155	0.031	0.25	0.007	0.01	0.04	333	388	32	64
371	1.572	200	0.35*1000*3000	CHROMATED	72h	55	43.4	1.6	153	0.035	0.26	0.008	0.009	0.04	325	380	31	62.5
372	1.581	200	0.35*1000*3000	CHROMATED	72h	55	43.4	1.6	154	0.03	0.22	0.008	0.008	0.04	330	385	30	62
373	1.59	200	0.35*1000*3000	CHROMATED	72h	55	43.4	1.6	156	0.032	0.22	0.008	0.009	0.04	330	385	30	63
374	1.581	200	0.35*1000*3000	CHROMATED	72h	55	43.4	1.6	158	0.035	0.26	0.008	0.009	0.04	333	380	32	64
375	1.582	200	0.35*1000*3000	CHROMATED	72h	55	43.4	1.6	155	0.032	0.22	0.008	0.009	0.04	325	380	31	62.5
376	1.582	200	0.35*1000*3000	CHROMATED	72h	55	43.4	1.6	158	0.033	0.23	0.008	0.009	0.04	330	385	31	62
377	1.581	200	0.35*1000*3000	CHROMATED	72h	55	43.4	1.6	154	0.032	0.21	0.009	0.009	0.04	330	380	30	63



捆号 PACK No.	重量 WEIGHT	片数 PIECE	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 ²)	化学成分 CHEMICAL COMPOSITION(%)					力学性能 MECHANIC PROPERTIES			
						Al	Zn	Si		C	Mn	P	S	Si	R _{eL} (N/mm ²)	R _m (N/mm ²)	A (%)	HRB
378	1.58	200	0.35*1000*3000	CHROMATED	72h	55	43.4	1.6	156	0.031	0.25	0.007	0.01	0.04	333	385	32	64
379	1.576	200	0.35*1000*3000	CHROMATED	72h	55	43.4	1.6	157	0.035	0.26	0.008	0.009	0.04	333	388	32	64
380	1.584	200	0.35*1000*3000	CHROMATED	72h	55	43.4	1.6	155	0.03	0.22	0.008	0.008	0.04	325	380	31	62.5
381	1.582	200	0.35*1000*3000	CHROMATED	72h	55	43.4	1.6	153	0.032	0.22	0.008	0.009	0.04	330	385	32	62
382	1.581	200	0.35*1000*3000	CHROMATED	72h	55	43.4	1.6	154	0.032	0.22	0.008	0.009	0.04	330	385	30	63
383	1.583	200	0.35*1000*3000	CHROMATED	72h	55	43.4	1.6	156	0.033	0.23	0.008	0.009	0.04	333	380	32	64
384	1.582	200	0.35*1000*3000	CHROMATED	72h	55	43.4	1.6	158	0.032	0.21	0.009	0.009	0.04	325	380	31	62.5
385	1.581	200	0.35*1000*3000	CHROMATED	72h	55	43.4	1.6	155	0.032	0.21	0.009	0.009	0.04	330	385	32	62
386	2.498	315	0.35*1000*3000	CHROMATED	72h	55	43.4	1.6	158	0.031	0.25	0.007	0.01	0.04	330	380	30	63
	55.282																	

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.

质量部
DEPARTM

