

产品质量证明书

MILL'S TEST CERTIFICATE

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

| 订货单位 CUSTOMER | | SAMSUNG C&T CORPORATION | | | | | | | 钢号 | CS-B | | | | | 产品名称 PRODUCT | | HOT DIPPED GALVANIZED STEELIN SHEET | |
|---------------------|--------------|-------------------------|------------------|---------------------------|-------------------------|--------------------|------|--|---------------------------------|------|-------|--------|-------|--------------------------------------|-------------------------------------|-------|-------------------------------------|--|
| 收货单位 PURCHASER | | SAMSUNG C&T CORPORATION | | | | | | | | | | | | | 签发日期 DATE OF ISSUE | | 2025-9-3 | |
| 标准 SPECIFICATION | | ASTM A653 | | | | | | | | | | | | | 合同号 CONTRACT NO. | | VS202506243302 | |
| 卷号 | 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 | Si | P | S | R _{el} (N/mm ²) | R _m (N/mm ²) | A (%) | HRB | |
| 3302-213 | 1.939 | 225 | 0.35*1000*3000 | Chromated | 72h | 0.9 | 99.1 | 183 | 0.036 | 0.35 | 0.009 | 0.0075 | 0.007 | 334 | 386 | 25 | 63 | |
| 3302-214 | 1.938 | 225 | 0.35*1000*3000 | Chromated | 72h | 0.9 | 99.1 | 185 | 0.038 | 0.33 | 0.009 | 0.008 | 0.008 | 333 | 383 | 27 | 64 | |
| 3302-215 | 1.934 | 225 | 0.35*1000*3000 | Chromated | 72h | 0.9 | 99.1 | 182 | 0.037 | 0.34 | 0.009 | 0.008 | 0.008 | 325 | 375 | 26 | 63 | |
| 3302-216 | 1.941 | 225 | 0.35*1000*3000 | Chromated | 72h | 0.9 | 99.1 | 186 | 0.036 | 0.35 | 0.009 | 0.008 | 0.008 | 330 | 378 | 27 | 62 | |
| 3302-217 | 1.944 | 225 | 0.35*1000*3000 | Chromated | 72h | 0.9 | 99.1 | 184 | 0.036 | 0.35 | 0.009 | 0.0075 | 0.007 | 330 | 380 | 25 | 63 | |
| 3302-218 | 1.94 | 225 | 0.35*1000*3000 | Chromated | 72h | 0.9 | 99.1 | 183 | 0.038 | 0.33 | 0.009 | 0.008 | 0.008 | 330 | 380 | 25 | 63 | |
| 3302-219 | 1.929 | 225 | 0.35*1000*3000 | Chromated | 72h | 0.9 | 99.1 | 185 | 0.037 | 0.34 | 0.009 | 0.008 | 0.008 | 333 | 385 | 27 | 64 | |
| 3302-220 | 1.93 | 225 | 0.35*1000*3000 | Chromated | 72h | 0.9 | 99.1 | 185 | 0.036 | 0.35 | 0.009 | 0.008 | 0.008 | 325 | 375 | 26 | 63 | |
| 3302-221 | 1.943 | 225 | 0.35*1000*3000 | Chromated | 72h | 0.9 | 99.1 | 182 | 0.036 | 0.35 | 0.009 | 0.0075 | 0.007 | 330 | 378 | 27 | 62 | |
| 3302-222 | 1.936 | 225 | 0.35*1000*3000 | Chromated | 72h | 0.9 | 99.1 | 186 | 0.038 | 0.33 | 0.009 | 0.008 | 0.008 | 330 | 380 | 25 | 63 | |
| 3302-223 | 1.934 | 225 | 0.35*1000*3000 | Chromated | 72h | 0.9 | 99.1 | 184 | 0.037 | 0.34 | 0.009 | 0.008 | 0.008 | 333 | 385 | 27 | 64 | |
| 3302-224 | 1.929 | 225 | 0.35*1000*3000 | Chromated | 72h | 0.9 | 99.1 | 183 | 0.036 | 0.35 | 0.009 | 0.008 | 0.008 | 325 | 375 | 26 | 63 | |
| 3302-225 | 1.934 | 225 | 0.35*1000*3000 | Chromated | 72h | 0.9 | 99.1 | 185 | 0.036 | 0.35 | 0.009 | 0.0075 | 0.007 | 330 | 382 | 25 | 63 | |
| 3302-226 | 1.935 | 225 | 0.35*1000*3000 | Chromated | 72h | 0.9 | 99.1 | 182 | 0.036 | 0.35 | 0.009 | 0.0075 | 0.007 | 333 | 385 | 27 | 64 | |
| 3302-227 | 1.94 | 225 | 0.35*1000*3000 | Chromated | 72h | 0.9 | 99.1 | 186 | 0.038 | 0.33 | 0.009 | 0.008 | 0.008 | 325 | 375 | 26 | 63 | |
| 3302-228 | 1.932 | 225 | 0.35*1000*3000 | Chromated | 72h | 0.9 | 99.1 | 184 | 0.037 | 0.34 | 0.009 | 0.008 | 0.008 | 330 | 378 | 27 | 62 | |
| 3302-229 | 1.937 | 225 | 0.35*1000*3000 | Chromated | 72h | 0.9 | 99.1 | 183 | 0.036 | 0.35 | 0.009 | 0.0075 | 0.007 | 335 | 382 | 25 | 63 | |
| 3302-230 | 1.916 | 225 | 0.35*1000*3000 | Chromated | 72h | 0.9 | 99.1 | 185 | 0.038 | 0.33 | 0.009 | 0.008 | 0.008 | 333 | 385 | 27 | 64 | |
| 3302-231 | 1.928 | 225 | 0.35*1000*3000 | Chromated | 72h | 0.9 | 99.1 | 185 | 0.037 | 0.34 | 0.009 | 0.008 | 0.008 | 325 | 375 | 26 | 63 | |
| 3302-232 | 1.939 | 225 | 0.35*1000*3000 | Chromated | 72h | 0.9 | 99.1 | 182 | 0.036 | 0.35 | 0.009 | 0.008 | 0.008 | 330 | 378 | 27 | 62 | |
| 3302-233 | 1.929 | 225 | 0.35*1000*3000 | Chromated | 72h | 0.9 | 99.1 | 186 | 0.036 | 0.35 | 0.009 | 0.0075 | 0.007 | 335 | 386 | 25 | 63 | |
| 3302-234 | 1.927 | 225 | 0.35*1000*3000 | Chromated | 72h | 0.9 | 99.1 | 184 | 0.038 | 0.33 | 0.009 | 0.008 | 0.008 | 333 | 383 | 27 | 64 | |
| 3302-235 | 1.936 | 225 | 0.35*1000*3000 | Chromated | 72h | 0.9 | 99.1 | 183 | 0.037 | 0.34 | 0.009 | 0.008 | 0.008 | 325 | 375 | 26 | 63 | |
| 3302-236 | 1.929 | 225 | 0.35*1000*3000 | Chromated | 72h | 0.9 | 99.1 | 185 | 0.036 | 0.35 | 0.009 | 0.008 | 0.008 | 330 | 378 | 27 | 62 | |
| 3302-237 | 1.935 | 225 | 0.35*1000*3000 | Chromated | 72h | 0.9 | 99.1 | 182 | 0.036 | 0.35 | 0.009 | 0.0075 | 0.007 | 330 | 380 | 25 | 63 | |
| 3302-238 | 1.927 | 225 | 0.35*1000*3000 | Chromated | 72h | 0.9 | 99.1 | 186 | 0.038 | 0.33 | 0.009 | 0.008 | 0.008 | 330 | 380 | 25 | 63 | |
| 3302-239 | 1.934 | 225 | 0.35*1000*3000 | Chromated | 72h | 0.9 | 99.1 | 184 | 0.037 | 0.34 | 0.009 | 0.008 | 0.008 | 333 | 385 | 27 | 64 | |



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 | CS-B | | | | | 产品名称 PRODUCT | | HOT DIPPED GALVANIZED STEELIN SHEET | |
|---------------------|--------------|-------------------------|------------------|---------------------------|-------------------------|-----------------|------|--|-------|---------------------------------|-------|----------|-------|--------------------------------------|-------------------------------------|----------------|-------------------------------------|--|
| 收货单位 PURCHASER | | SAMSUNG C&T CORPORATION | | | | | | | | 签发日期 DATE OF ISSUE | | 2025-9-3 | | 合同号 CONTRACT NO. | | VS202506243302 | | |
| 标准 SPECIFICATION | | ASTM A653 | | | | | | | | 化学成分 CHEMICAL COMPOSITION(%) | | | | | 力学性能 MECHANIC PROPERTIES | | | |
| 卷号 | 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) | C | Mn | Si | P | S | R _{eL} (N/mm ²) | R _m (N/mm ²) | A(%) | HRB | |
| | | | | | | Al | Zn | | | | | | | | | | | |
| 3302-240 | 1.929 | 225 | 0.35*1000*3000 | Chromated | 72h | 0.9 | 99.1 | 183 | 0.036 | 0.35 | 0.009 | 0.008 | 0.008 | 325 | 375 | 26 | 63 | |
| 3302-241 | 1.931 | 225 | 0.35*1000*3000 | Chromated | 72h | 0.9 | 99.1 | 185 | 0.036 | 0.35 | 0.009 | 0.0075 | 0.007 | 330 | 378 | 27 | 62 | |
| 3302-242 | 1.936 | 225 | 0.35*1000*3000 | Chromated | 72h | 0.9 | 99.1 | 185 | 0.038 | 0.33 | 0.009 | 0.008 | 0.008 | 330 | 380 | 25 | 63 | |
| 3302-243 | 1.941 | 225 | 0.35*1000*3000 | Chromated | 72h | 0.9 | 99.1 | 182 | 0.037 | 0.34 | 0.009 | 0.008 | 0.008 | 333 | 385 | 27 | 64 | |
| 3302-244 | 1.94 | 225 | 0.35*1000*3000 | Chromated | 72h | 0.9 | 99.1 | 186 | 0.036 | 0.35 | 0.009 | 0.008 | 0.008 | 325 | 375 | 26 | 63 | |
| 3302-245 | 1.94 | 225 | 0.35*1000*3000 | Chromated | 72h | 0.9 | 99.1 | 184 | 0.036 | 0.35 | 0.009 | 0.0075 | 0.007 | 330 | 382 | 25 | 63 | |
| 3302-246 | 1.929 | 225 | 0.35*1000*3000 | Chromated | 72h | 0.9 | 99.1 | 183 | 0.036 | 0.35 | 0.009 | 0.0075 | 0.007 | 335 | 386 | 25 | 63 | |
| 3302-247 | 1.928 | 225 | 0.35*1000*3000 | Chromated | 72h | 0.9 | 99.1 | 185 | 0.036 | 0.35 | 0.009 | 0.0075 | 0.007 | 334 | 386 | 25 | 63 | |
| 3302-248 | 1.94 | 225 | 0.35*1000*3000 | Chromated | 72h | 0.9 | 99.1 | 182 | 0.038 | 0.33 | 0.009 | 0.008 | 0.008 | 333 | 383 | 27 | 64 | |
| 3302-249 | 1.943 | 225 | 0.35*1000*3000 | Chromated | 72h | 0.9 | 99.1 | 186 | 0.037 | 0.34 | 0.009 | 0.008 | 0.008 | 325 | 375 | 26 | 63 | |
| 3302-250 | 1.929 | 225 | 0.35*1000*3000 | Chromated | 72h | 0.9 | 99.1 | 184 | 0.036 | 0.35 | 0.009 | 0.008 | 0.008 | 330 | 378 | 27 | 62 | |
| 3302-251 | 1.94 | 225 | 0.35*1000*3000 | Chromated | 72h | 0.9 | 99.1 | 183 | 0.036 | 0.35 | 0.009 | 0.0075 | 0.007 | 330 | 380 | 25 | 63 | |
| 3302-252 | 1.931 | 225 | 0.35*1000*3000 | Chromated | 72h | 0.9 | 99.1 | 185 | 0.038 | 0.33 | 0.009 | 0.008 | 0.008 | 330 | 380 | 25 | 63 | |
| 3302-253 | 1.94 | 225 | 0.35*1000*3000 | Chromated | 72h | 0.9 | 99.1 | 185 | 0.037 | 0.34 | 0.009 | 0.008 | 0.008 | 333 | 385 | 27 | 64 | |
| 3302-254 | 1.935 | 225 | 0.35*1000*3000 | Chromated | 72h | 0.9 | 99.1 | 182 | 0.036 | 0.35 | 0.009 | 0.008 | 0.008 | 325 | 375 | 26 | 63 | |
| 3302-255 | 1.943 | 225 | 0.35*1000*3000 | Chromated | 72h | 0.9 | 99.1 | 186 | 0.036 | 0.35 | 0.009 | 0.0075 | 0.007 | 330 | 378 | 27 | 62 | |
| 3302-256 | 1.928 | 225 | 0.35*1000*3000 | Chromated | 72h | 0.9 | 99.1 | 184 | 0.038 | 0.33 | 0.009 | 0.008 | 0.008 | 330 | 380 | 25 | 63 | |
| 3302-257 | 1.941 | 225 | 0.35*1000*3000 | Chromated | 72h | 0.9 | 99.1 | 183 | 0.037 | 0.34 | 0.009 | 0.008 | 0.008 | 333 | 385 | 27 | 64 | |
| 3302-258 | 1.941 | 225 | 0.35*1000*3000 | Chromated | 72h | 0.9 | 99.1 | 185 | 0.036 | 0.35 | 0.009 | 0.008 | 0.008 | 325 | 375 | 26 | 63 | |
| 3302-259 | 1.943 | 225 | 0.35*1000*3000 | Chromated | 72h | 0.9 | 99.1 | 182 | 0.036 | 0.35 | 0.009 | 0.0075 | 0.007 | 330 | 382 | 25 | 63 | |
| 3302-260 | 1.941 | 225 | 0.35*1000*3000 | Chromated | 72h | 0.9 | 99.1 | 186 | 0.036 | 0.35 | 0.009 | 0.0075 | 0.007 | 333 | 385 | 27 | 64 | |
| 3302-261 | 1.939 | 225 | 0.35*1000*3000 | Chromated | 72h | 0.9 | 99.1 | 184 | 0.038 | 0.33 | 0.009 | 0.008 | 0.008 | 325 | 375 | 26 | 63 | |
| 3302-262 | 1.892 | 225 | 0.35*1000*3000 | Chromated | 72h | 0.9 | 99.1 | 183 | 0.037 | 0.34 | 0.009 | 0.008 | 0.008 | 330 | 378 | 27 | 62 | |
| 3302-263 | 1.931 | 225 | 0.35*1000*3000 | Chromated | 72h | 0.9 | 99.1 | 185 | 0.036 | 0.35 | 0.009 | 0.0075 | 0.007 | 335 | 382 | 25 | 63 | |
| 3302-264 | 1.933 | 225 | 0.35*1000*3000 | Chromated | 72h | 0.9 | 99.1 | 185 | 0.038 | 0.33 | 0.009 | 0.008 | 0.008 | 333 | 385 | 27 | 64 | |
| 3302-265 | 1.934 | 225 | 0.35*1000*3000 | Chromated | 72h | 0.9 | 99.1 | 182 | 0.037 | 0.34 | 0.009 | 0.008 | 0.008 | 325 | 375 | 26 | 63 | |
| 3302-266 | 1.712 | 197 | 0.35*1000*3000 | Chromated | 72h | 0.9 | 99.1 | 186 | 0.036 | 0.35 | 0.009 | 0.008 | 0.008 | 330 | 378 | 27 | 62 | |



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 | CS-B | | | | | 产品名称 PRODUCT | | HOT DIPPED GALVANIZED STEELIN SHEET | |
|---------------------|--------------|-------------------------|------------------|---------------------------|-------------------------|--------------------|------|--|---------------------------------|------|-----------------------|--------|----------------|--------------------------------------|-------------------------------------|-----------------|-----|-------------------------------------|--|
| 收货单位 PURCHASER | | SAMSUNG C&T CORPORATION | | | | | | | | | 签发日期 DATE OF ISSUE | | 2025-9-3 | | | | | | |
| 标准 SPECIFICATION | | ASTM A653 | | | | | | | | | 合同号 CONTRACT NO. | | VS202506243302 | | | | | | |
| 卷号 | 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 | Si | P | S | R _{el} (N/mm ²) | R _m (N/mm ²) | A (%) | HRB | | |
| 3302-152 | 1.909 | 195 | 0.4*1000*3000 | Chromated | 72h | 0.9 | 99.1 | 184 | 0.036 | 0.35 | 0.009 | 0.0075 | 0.007 | 335 | 386 | 25 | 63 | | |
| 3302-153 | 1.909 | 195 | 0.4*1000*3000 | Chromated | 72h | 0.9 | 99.1 | 183 | 0.038 | 0.33 | 0.009 | 0.008 | 0.008 | 333 | 383 | 27 | 64 | | |
| 3302-154 | 1.909 | 195 | 0.4*1000*3000 | Chromated | 72h | 0.9 | 99.1 | 185 | 0.037 | 0.34 | 0.009 | 0.008 | 0.008 | 325 | 375 | 26 | 63 | | |
| 3302-155 | 1.913 | 195 | 0.4*1000*3000 | Chromated | 72h | 0.9 | 99.1 | 182 | 0.036 | 0.35 | 0.009 | 0.008 | 0.008 | 330 | 378 | 27 | 62 | | |
| 3302-156 | 1.913 | 195 | 0.4*1000*3000 | Chromated | 72h | 0.9 | 99.1 | 186 | 0.036 | 0.35 | 0.009 | 0.0075 | 0.007 | 330 | 380 | 25 | 63 | | |
| 3302-157 | 1.908 | 195 | 0.4*1000*3000 | Chromated | 72h | 0.9 | 99.1 | 184 | 0.038 | 0.33 | 0.009 | 0.008 | 0.008 | 330 | 380 | 25 | 63 | | |
| 3302-158 | 1.911 | 195 | 0.4*1000*3000 | Chromated | 72h | 0.9 | 99.1 | 183 | 0.037 | 0.34 | 0.009 | 0.008 | 0.008 | 333 | 385 | 27 | 64 | | |
| 3302-159 | 1.91 | 195 | 0.4*1000*3000 | Chromated | 72h | 0.9 | 99.1 | 185 | 0.036 | 0.35 | 0.009 | 0.008 | 0.008 | 325 | 375 | 26 | 63 | | |
| 3302-160 | 1.914 | 195 | 0.4*1000*3000 | Chromated | 72h | 0.9 | 99.1 | 185 | 0.036 | 0.35 | 0.009 | 0.0075 | 0.007 | 330 | 378 | 27 | 62 | | |
| 3302-161 | 1.901 | 195 | 0.4*1000*3000 | Chromated | 72h | 0.9 | 99.1 | 182 | 0.038 | 0.33 | 0.009 | 0.008 | 0.008 | 330 | 380 | 25 | 63 | | |
| 3302-162 | 1.907 | 195 | 0.4*1000*3000 | Chromated | 72h | 0.9 | 99.1 | 186 | 0.037 | 0.34 | 0.009 | 0.008 | 0.008 | 333 | 385 | 27 | 64 | | |
| 3302-163 | 1.907 | 195 | 0.4*1000*3000 | Chromated | 72h | 0.9 | 99.1 | 184 | 0.036 | 0.35 | 0.009 | 0.008 | 0.008 | 325 | 375 | 26 | 63 | | |
| 3302-164 | 1.904 | 195 | 0.4*1000*3000 | Chromated | 72h | 0.9 | 99.1 | 183 | 0.036 | 0.35 | 0.009 | 0.0075 | 0.007 | 330 | 382 | 25 | 63 | | |
| 3302-165 | 1.909 | 195 | 0.4*1000*3000 | Chromated | 72h | 0.9 | 99.1 | 185 | 0.036 | 0.35 | 0.009 | 0.0075 | 0.007 | 335 | 386 | 25 | 63 | | |
| 3302-166 | 1.911 | 195 | 0.4*1000*3000 | Chromated | 72h | 0.9 | 99.1 | 182 | 0.038 | 0.33 | 0.009 | 0.008 | 0.008 | 333 | 383 | 27 | 64 | | |
| 3302-167 | 1.911 | 195 | 0.4*1000*3000 | Chromated | 72h | 0.9 | 99.1 | 186 | 0.037 | 0.34 | 0.009 | 0.008 | 0.008 | 325 | 375 | 26 | 63 | | |
| 3302-168 | 1.909 | 195 | 0.4*1000*3000 | Chromated | 72h | 0.9 | 99.1 | 184 | 0.036 | 0.35 | 0.009 | 0.008 | 0.008 | 330 | 378 | 27 | 62 | | |
| 3302-169 | 1.911 | 195 | 0.4*1000*3000 | Chromated | 72h | 0.9 | 99.1 | 183 | 0.036 | 0.35 | 0.009 | 0.0075 | 0.007 | 330 | 380 | 25 | 63 | | |
| 3302-170 | 1.91 | 195 | 0.4*1000*3000 | Chromated | 72h | 0.9 | 99.1 | 185 | 0.038 | 0.33 | 0.009 | 0.008 | 0.008 | 330 | 380 | 25 | 63 | | |
| 3302-171 | 1.911 | 195 | 0.4*1000*3000 | Chromated | 72h | 0.9 | 99.1 | 185 | 0.037 | 0.34 | 0.009 | 0.008 | 0.008 | 333 | 385 | 27 | 64 | | |
| 3302-172 | 1.913 | 195 | 0.4*1000*3000 | Chromated | 72h | 0.9 | 99.1 | 182 | 0.036 | 0.35 | 0.009 | 0.008 | 0.008 | 325 | 375 | 26 | 63 | | |
| 3302-173 | 1.917 | 195 | 0.4*1000*3000 | Chromated | 72h | 0.9 | 99.1 | 186 | 0.036 | 0.35 | 0.009 | 0.0075 | 0.007 | 330 | 378 | 27 | 62 | | |
| 3302-174 | 1.912 | 195 | 0.4*1000*3000 | Chromated | 72h | 0.9 | 99.1 | 184 | 0.038 | 0.33 | 0.009 | 0.008 | 0.008 | 330 | 380 | 25 | 63 | | |
| 3302-175 | 1.908 | 195 | 0.4*1000*3000 | Chromated | 72h | 0.9 | 99.1 | 183 | 0.037 | 0.34 | 0.009 | 0.008 | 0.008 | 333 | 385 | 27 | 64 | | |
| 3302-176 | 1.907 | 195 | 0.4*1000*3000 | Chromated | 72h | 0.9 | 99.1 | 185 | 0.036 | 0.35 | 0.009 | 0.0075 | 0.007 | 334 | 386 | 25 | 63 | | |
| 3302-177 | 1.907 | 195 | 0.4*1000*3000 | Chromated | 72h | 0.9 | 99.1 | 182 | 0.038 | 0.33 | 0.009 | 0.008 | 0.008 | 333 | 383 | 27 | 64 | | |
| 3302-178 | 1.907 | 195 | 0.4*1000*3000 | Chromated | 72h | 0.9 | 99.1 | 186 | 0.037 | 0.34 | 0.009 | 0.008 | 0.008 | 325 | 375 | 26 | 63 | | |



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 | CS-B | | | | | 产品名称 PRODUCT | | HOT DIPPED GALVANIZED STEELIN SHEET | |
|---------------------|--------------|-------------------------|------------------|---------------------------|-------------------------|--------------------|------|--|---------------------------------|------|-------|--------|-------|--------------------------------------|-------------------------------------|-------|-------------------------------------|--|
| 收货单位 PURCHASER | | SAMSUNG C&T CORPORATION | | | | | | | | | | | | | 签发日期 DATE OF ISSUE | | 2025-9-3 | |
| 标准 SPECIFICATION | | ASTM A653 | | | | | | | | | | | | | 合同号 CONTRACT NO. | | VS202506243302 | |
| 卷号 | 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 | Si | P | S | R _{el} (N/mm ²) | R _m (N/mm ²) | A (%) | HRB | |
| 3302-179 | 1.905 | 195 | 0.4*1000*3000 | Chromated | 72h | 0.9 | 99.1 | 184 | 0.036 | 0.35 | 0.009 | 0.008 | 0.008 | 330 | 378 | 27 | 62 | |
| 3302-180 | 1.904 | 195 | 0.4*1000*3000 | Chromated | 72h | 0.9 | 99.1 | 183 | 0.036 | 0.35 | 0.009 | 0.0075 | 0.007 | 330 | 380 | 25 | 63 | |
| 3302-181 | 1.899 | 195 | 0.4*1000*3000 | Chromated | 72h | 0.9 | 99.1 | 185 | 0.038 | 0.33 | 0.009 | 0.008 | 0.008 | 330 | 380 | 25 | 63 | |
| 3302-182 | 1.911 | 195 | 0.4*1000*3000 | Chromated | 72h | 0.9 | 99.1 | 185 | 0.037 | 0.34 | 0.009 | 0.008 | 0.008 | 333 | 385 | 27 | 64 | |
| 3302-183 | 1.908 | 195 | 0.4*1000*3000 | Chromated | 72h | 0.9 | 99.1 | 182 | 0.036 | 0.35 | 0.009 | 0.008 | 0.008 | 325 | 375 | 26 | 63 | |
| 3302-184 | 1.901 | 195 | 0.4*1000*3000 | Chromated | 72h | 0.9 | 99.1 | 186 | 0.036 | 0.35 | 0.009 | 0.0075 | 0.007 | 330 | 378 | 27 | 62 | |
| 3302-185 | 1.91 | 195 | 0.4*1000*3000 | Chromated | 72h | 0.9 | 99.1 | 184 | 0.038 | 0.33 | 0.009 | 0.008 | 0.008 | 330 | 380 | 25 | 63 | |
| 3302-186 | 1.898 | 195 | 0.4*1000*3000 | Chromated | 72h | 0.9 | 99.1 | 183 | 0.037 | 0.34 | 0.009 | 0.008 | 0.008 | 333 | 385 | 27 | 64 | |
| 3302-187 | 1.915 | 195 | 0.4*1000*3000 | Chromated | 72h | 0.9 | 99.1 | 185 | 0.036 | 0.35 | 0.009 | 0.008 | 0.008 | 325 | 375 | 26 | 63 | |
| 3302-188 | 1.912 | 195 | 0.4*1000*3000 | Chromated | 72h | 0.9 | 99.1 | 182 | 0.036 | 0.35 | 0.009 | 0.0075 | 0.007 | 330 | 382 | 25 | 63 | |
| 3302-189 | 1.914 | 195 | 0.4*1000*3000 | Chromated | 72h | 0.9 | 99.1 | 186 | 0.036 | 0.35 | 0.009 | 0.0075 | 0.007 | 333 | 385 | 27 | 64 | |
| 3302-190 | 1.911 | 195 | 0.4*1000*3000 | Chromated | 72h | 0.9 | 99.1 | 184 | 0.038 | 0.33 | 0.009 | 0.008 | 0.008 | 325 | 375 | 26 | 63 | |
| 3302-191 | 1.906 | 195 | 0.4*1000*3000 | Chromated | 72h | 0.9 | 99.1 | 183 | 0.037 | 0.34 | 0.009 | 0.008 | 0.008 | 330 | 378 | 27 | 62 | |
| 3302-192 | 1.912 | 195 | 0.4*1000*3000 | Chromated | 72h | 0.9 | 99.1 | 185 | 0.036 | 0.35 | 0.009 | 0.0075 | 0.007 | 335 | 382 | 25 | 63 | |
| 3302-193 | 1.909 | 195 | 0.4*1000*3000 | Chromated | 72h | 0.9 | 99.1 | 185 | 0.038 | 0.33 | 0.009 | 0.008 | 0.008 | 333 | 385 | 27 | 64 | |
| 3302-194 | 1.911 | 195 | 0.4*1000*3000 | Chromated | 72h | 0.9 | 99.1 | 183 | 0.036 | 0.35 | 0.009 | 0.0075 | 0.007 | 334 | 386 | 25 | 63 | |
| 3302-195 | 1.918 | 195 | 0.4*1000*3000 | Chromated | 72h | 0.9 | 99.1 | 185 | 0.038 | 0.33 | 0.009 | 0.008 | 0.008 | 333 | 383 | 27 | 64 | |
| 3302-196 | 1.909 | 195 | 0.4*1000*3000 | Chromated | 72h | 0.9 | 99.1 | 182 | 0.037 | 0.34 | 0.009 | 0.008 | 0.008 | 325 | 375 | 26 | 63 | |
| 3302-197 | 1.914 | 195 | 0.4*1000*3000 | Chromated | 72h | 0.9 | 99.1 | 186 | 0.036 | 0.35 | 0.009 | 0.008 | 0.008 | 330 | 378 | 27 | 62 | |
| 3302-198 | 1.908 | 195 | 0.4*1000*3000 | Chromated | 72h | 0.9 | 99.1 | 184 | 0.036 | 0.35 | 0.009 | 0.0075 | 0.007 | 330 | 380 | 25 | 63 | |
| 3302-199 | 1.901 | 195 | 0.4*1000*3000 | Chromated | 72h | 0.9 | 99.1 | 183 | 0.038 | 0.33 | 0.009 | 0.008 | 0.008 | 330 | 380 | 25 | 63 | |
| 3302-200 | 1.911 | 195 | 0.4*1000*3000 | Chromated | 72h | 0.9 | 99.1 | 185 | 0.037 | 0.34 | 0.009 | 0.008 | 0.008 | 333 | 385 | 27 | 64 | |
| 3302-201 | 1.914 | 195 | 0.4*1000*3000 | Chromated | 72h | 0.9 | 99.1 | 185 | 0.036 | 0.35 | 0.009 | 0.008 | 0.008 | 325 | 375 | 26 | 63 | |
| 3302-202 | 1.916 | 195 | 0.4*1000*3000 | Chromated | 72h | 0.9 | 99.1 | 182 | 0.036 | 0.35 | 0.009 | 0.0075 | 0.007 | 330 | 378 | 27 | 62 | |
| 3302-203 | 1.913 | 195 | 0.4*1000*3000 | Chromated | 72h | 0.9 | 99.1 | 186 | 0.038 | 0.33 | 0.009 | 0.008 | 0.008 | 330 | 380 | 25 | 63 | |
| 3302-204 | 1.919 | 195 | 0.4*1000*3000 | Chromated | 72h | 0.9 | 99.1 | 184 | 0.037 | 0.34 | 0.009 | 0.008 | 0.008 | 333 | 385 | 27 | 64 | |
| 3302-205 | 1.911 | 195 | 0.4*1000*3000 | Chromated | 72h | 0.9 | 99.1 | 183 | 0.036 | 0.35 | 0.009 | 0.008 | 0.008 | 325 | 375 | 26 | 63 | |



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 CS-B | 产品名称 PRODUCT | | | | | HOT DIPPED GALVANIZED STEELIN SHEET | | |
|---------------------|--------------|-------------------------|------------------|---------------------------|-------------------------|--------------------|------|--|---------------------------------|-----------------------|-------|--------|-------|--------------------------------------|-------------------------------------|-------|-----|
| 收货单位 PURCHASER | | SAMSUNG C&T CORPORATION | | | | | | | | 签发日期 DATE OF ISSUE | | | | | 2025-9-3 | | |
| 标准 SPECIFICATION | | ASTM A653 | | | | | | | | 合同号 CONTRACT NO. | | | | | VS202506243302 | | |
| 卷号 | 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 | Si | P | S | R _{el} (N/mm ²) | R _m (N/mm ²) | A (%) | HRB |
| 3302-206 | 1.905 | 195 | 0.4*1000*3000 | Chromated | 72h | 0.9 | 99.1 | 185 | 0.036 | 0.35 | 0.009 | 0.0075 | 0.007 | 330 | 382 | 25 | 63 |
| 3302-207 | 1.898 | 195 | 0.4*1000*3000 | Chromated | 72h | 0.9 | 99.1 | 182 | 0.036 | 0.35 | 0.009 | 0.0075 | 0.007 | 333 | 385 | 27 | 64 |
| 3302-208 | 1.913 | 195 | 0.4*1000*3000 | Chromated | 72h | 0.9 | 99.1 | 186 | 0.038 | 0.33 | 0.009 | 0.008 | 0.008 | 325 | 375 | 26 | 63 |
| 3302-209 | 1.911 | 195 | 0.4*1000*3000 | Chromated | 72h | 0.9 | 99.1 | 184 | 0.037 | 0.34 | 0.009 | 0.008 | 0.008 | 330 | 378 | 27 | 62 |
| 3302-210 | 1.911 | 195 | 0.4*1000*3000 | Chromated | 72h | 0.9 | 99.1 | 183 | 0.036 | 0.35 | 0.009 | 0.0075 | 0.007 | 335 | 382 | 25 | 63 |
| 3302-211 | 1.306 | 132 | 0.4*1000*3000 | Chromated | 72h | 0.9 | 99.1 | 185 | 0.038 | 0.33 | 0.009 | 0.008 | 0.008 | 333 | 385 | 27 | 64 |
| 3302-212 | 1.329 | 135 | 0.4*1000*3000 | Chromated | 72h | 0.9 | 99.1 | 185 | 0.037 | 0.34 | 0.009 | 0.008 | 0.008 | 325 | 375 | 26 | 63 |
| 3302-001 | 1.923 | 160 | 0.5*1000*3000 | Chromated | 72h | 0.9 | 99.1 | 182 | 0.036 | 0.35 | 0.009 | 0.008 | 0.008 | 330 | 378 | 27 | 62 |
| 3302-002 | 1.928 | 160 | 0.5*1000*3000 | Chromated | 72h | 0.9 | 99.1 | 186 | 0.036 | 0.35 | 0.009 | 0.0075 | 0.007 | 335 | 386 | 25 | 63 |
| 3302-003 | 1.933 | 160 | 0.5*1000*3000 | Chromated | 72h | 0.9 | 99.1 | 184 | 0.038 | 0.33 | 0.009 | 0.008 | 0.008 | 333 | 383 | 27 | 64 |
| 3302-004 | 1.937 | 160 | 0.5*1000*3000 | Chromated | 72h | 0.9 | 99.1 | 183 | 0.037 | 0.34 | 0.009 | 0.008 | 0.008 | 325 | 375 | 26 | 63 |
| 3302-005 | 1.929 | 160 | 0.5*1000*3000 | Chromated | 72h | 0.9 | 99.1 | 185 | 0.036 | 0.35 | 0.009 | 0.008 | 0.008 | 330 | 378 | 27 | 62 |
| 3302-006 | 1.928 | 160 | 0.5*1000*3000 | Chromated | 72h | 0.9 | 99.1 | 182 | 0.036 | 0.35 | 0.009 | 0.0075 | 0.007 | 330 | 380 | 25 | 63 |
| 3302-007 | 1.93 | 160 | 0.5*1000*3000 | Chromated | 72h | 0.9 | 99.1 | 186 | 0.038 | 0.33 | 0.009 | 0.008 | 0.008 | 330 | 380 | 25 | 63 |
| 3302-008 | 1.93 | 160 | 0.5*1000*3000 | Chromated | 72h | 0.9 | 99.1 | 184 | 0.037 | 0.34 | 0.009 | 0.008 | 0.008 | 333 | 385 | 27 | 64 |
| 3302-009 | 1.897 | 157 | 0.5*1000*3000 | Chromated | 72h | 0.9 | 99.1 | 183 | 0.036 | 0.35 | 0.009 | 0.008 | 0.008 | 325 | 375 | 26 | 63 |
| 3302-010 | 1.929 | 157 | 0.5*1000*3000 | Chromated | 72h | 0.9 | 99.1 | 185 | 0.036 | 0.35 | 0.009 | 0.0075 | 0.007 | 330 | 378 | 27 | 62 |
| 3302-011 | 1.917 | 157 | 0.5*1000*3000 | Chromated | 72h | 0.9 | 99.1 | 185 | 0.038 | 0.33 | 0.009 | 0.008 | 0.008 | 330 | 380 | 25 | 63 |
| 3302-012 | 1.912 | 157 | 0.5*1000*3000 | Chromated | 72h | 0.9 | 99.1 | 182 | 0.037 | 0.34 | 0.009 | 0.008 | 0.008 | 333 | 385 | 27 | 64 |
| 3302-013 | 1.919 | 157 | 0.5*1000*3000 | Chromated | 72h | 0.9 | 99.1 | 186 | 0.036 | 0.35 | 0.009 | 0.008 | 0.008 | 325 | 375 | 26 | 63 |
| 3302-014 | 1.916 | 157 | 0.5*1000*3000 | Chromated | 72h | 0.9 | 99.1 | 184 | 0.036 | 0.35 | 0.009 | 0.0075 | 0.007 | 330 | 382 | 25 | 63 |
| 3302-015 | 1.917 | 157 | 0.5*1000*3000 | Chromated | 72h | 0.9 | 99.1 | 183 | 0.036 | 0.35 | 0.009 | 0.0075 | 0.007 | 335 | 386 | 25 | 63 |
| 3302-016 | 1.918 | 157 | 0.5*1000*3000 | Chromated | 72h | 0.9 | 99.1 | 185 | 0.036 | 0.35 | 0.009 | 0.0075 | 0.007 | 334 | 386 | 25 | 63 |
| 3302-017 | 1.912 | 157 | 0.5*1000*3000 | Chromated | 72h | 0.9 | 99.1 | 182 | 0.038 | 0.33 | 0.009 | 0.008 | 0.008 | 333 | 383 | 27 | 64 |
| 3302-018 | 1.911 | 157 | 0.5*1000*3000 | Chromated | 72h | 0.9 | 99.1 | 186 | 0.037 | 0.34 | 0.009 | 0.008 | 0.008 | 325 | 375 | 26 | 63 |
| 3302-019 | 1.914 | 157 | 0.5*1000*3000 | Chromated | 72h | 0.9 | 99.1 | 184 | 0.036 | 0.35 | 0.009 | 0.008 | 0.008 | 330 | 378 | 27 | 62 |
| 3302-020 | 1.894 | 157 | 0.5*1000*3000 | Chromated | 72h | 0.9 | 99.1 | 183 | 0.036 | 0.35 | 0.009 | 0.0075 | 0.007 | 330 | 380 | 25 | 63 |



产品质量证明书

MILL'S TEST CERTIFICATE

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

| 订货单位 CUSTOMER | | SAMSUNG C&T CORPORATION | | | | | | | 钢号 | CS-B | | | | | 产品名称 PRODUCT | | HOT DIPPED GALVANIZED STEELIN SHEET | |
|---------------------|--------------|-------------------------|------------------|---------------------------|-------------------------|--------------------|------|--|---------------------------------|------|-------|--------|-------|--------------------------------------|-------------------------------------|------|-------------------------------------|--|
| 收货单位 PURCHASER | | SAMSUNG C&T CORPORATION | | | | | | | | | | | | | 签发日期 DATE OF ISSUE | | 2025-9-3 | |
| 标准 SPECIFICATION | | ASTM A653 | | | | | | | | | | | | | 合同号 CONTRACT NO. | | VS202506243302 | |
| 卷号 | 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 | Si | P | S | R _{eL} (N/mm ²) | R _m (N/mm ²) | A(%) | HRB | |
| 3302-021 | 1.893 | 157 | 0.5*1000*3000 | Chromated | 72h | 0.9 | 99.1 | 185 | 0.038 | 0.33 | 0.009 | 0.008 | 0.008 | 330 | 380 | 25 | 63 | |
| 3302-022 | 1.9 | 157 | 0.5*1000*3000 | Chromated | 72h | 0.9 | 99.1 | 185 | 0.037 | 0.34 | 0.009 | 0.008 | 0.008 | 333 | 385 | 27 | 64 | |
| 3302-023 | 1.899 | 157 | 0.5*1000*3000 | Chromated | 72h | 0.9 | 99.1 | 182 | 0.036 | 0.35 | 0.009 | 0.008 | 0.008 | 325 | 375 | 26 | 63 | |
| 3302-024 | 1.899 | 157 | 0.5*1000*3000 | Chromated | 72h | 0.9 | 99.1 | 186 | 0.036 | 0.35 | 0.009 | 0.0075 | 0.007 | 330 | 378 | 27 | 62 | |
| 3302-025 | 1.899 | 157 | 0.5*1000*3000 | Chromated | 72h | 0.9 | 99.1 | 184 | 0.038 | 0.33 | 0.009 | 0.008 | 0.008 | 330 | 380 | 25 | 63 | |
| 3302-026 | 1.9 | 157 | 0.5*1000*3000 | Chromated | 72h | 0.9 | 99.1 | 183 | 0.037 | 0.34 | 0.009 | 0.008 | 0.008 | 333 | 385 | 27 | 64 | |
| 3302-027 | 1.899 | 157 | 0.5*1000*3000 | Chromated | 72h | 0.9 | 99.1 | 185 | 0.036 | 0.35 | 0.009 | 0.008 | 0.008 | 325 | 375 | 26 | 63 | |
| 3302-028 | 1.899 | 157 | 0.5*1000*3000 | Chromated | 72h | 0.9 | 99.1 | 182 | 0.036 | 0.35 | 0.009 | 0.0075 | 0.007 | 330 | 382 | 25 | 63 | |
| 3302-029 | 1.899 | 157 | 0.5*1000*3000 | Chromated | 72h | 0.9 | 99.1 | 186 | 0.036 | 0.35 | 0.009 | 0.0075 | 0.007 | 333 | 385 | 27 | 64 | |
| 3302-030 | 1.9 | 157 | 0.5*1000*3000 | Chromated | 72h | 0.9 | 99.1 | 184 | 0.038 | 0.33 | 0.009 | 0.008 | 0.008 | 325 | 375 | 26 | 63 | |
| 3302-031 | 1.899 | 157 | 0.5*1000*3000 | Chromated | 72h | 0.9 | 99.1 | 183 | 0.037 | 0.34 | 0.009 | 0.008 | 0.008 | 330 | 378 | 27 | 62 | |
| 3302-032 | 1.895 | 157 | 0.5*1000*3000 | Chromated | 72h | 0.9 | 99.1 | 185 | 0.036 | 0.35 | 0.009 | 0.0075 | 0.007 | 335 | 382 | 25 | 63 | |
| 3302-033 | 1.892 | 157 | 0.5*1000*3000 | Chromated | 72h | 0.9 | 99.1 | 185 | 0.038 | 0.33 | 0.009 | 0.008 | 0.008 | 333 | 385 | 27 | 64 | |
| 3302-034 | 1.895 | 157 | 0.5*1000*3000 | Chromated | 72h | 0.9 | 99.1 | 182 | 0.037 | 0.34 | 0.009 | 0.008 | 0.008 | 325 | 375 | 26 | 63 | |
| 3302-035 | 1.895 | 157 | 0.5*1000*3000 | Chromated | 72h | 0.9 | 99.1 | 186 | 0.036 | 0.35 | 0.009 | 0.008 | 0.008 | 330 | 378 | 27 | 62 | |
| 3302-036 | 1.899 | 157 | 0.5*1000*3000 | Chromated | 72h | 0.9 | 99.1 | 184 | 0.036 | 0.35 | 0.009 | 0.0075 | 0.007 | 335 | 386 | 25 | 63 | |
| 3302-037 | 1.899 | 157 | 0.5*1000*3000 | Chromated | 72h | 0.9 | 99.1 | 183 | 0.038 | 0.33 | 0.009 | 0.008 | 0.008 | 333 | 383 | 27 | 64 | |
| 3302-038 | 1.901 | 157 | 0.5*1000*3000 | Chromated | 72h | 0.9 | 99.1 | 185 | 0.037 | 0.34 | 0.009 | 0.008 | 0.008 | 325 | 375 | 26 | 63 | |
| 3302-039 | 1.903 | 157 | 0.5*1000*3000 | Chromated | 72h | 0.9 | 99.1 | 182 | 0.036 | 0.35 | 0.009 | 0.008 | 0.008 | 330 | 378 | 27 | 62 | |
| 3302-040 | 1.901 | 157 | 0.5*1000*3000 | Chromated | 72h | 0.9 | 99.1 | 186 | 0.036 | 0.35 | 0.009 | 0.0075 | 0.007 | 330 | 380 | 25 | 63 | |
| 3302-041 | 1.897 | 157 | 0.5*1000*3000 | Chromated | 72h | 0.9 | 99.1 | 184 | 0.038 | 0.33 | 0.009 | 0.008 | 0.008 | 330 | 380 | 25 | 63 | |
| 3302-042 | 1.897 | 157 | 0.5*1000*3000 | Chromated | 72h | 0.9 | 99.1 | 183 | 0.037 | 0.34 | 0.009 | 0.008 | 0.008 | 333 | 385 | 27 | 64 | |
| 3302-043 | 1.903 | 157 | 0.5*1000*3000 | Chromated | 72h | 0.9 | 99.1 | 185 | 0.036 | 0.35 | 0.009 | 0.008 | 0.008 | 325 | 375 | 26 | 63 | |
| 3302-044 | 1.897 | 157 | 0.5*1000*3000 | Chromated | 72h | 0.9 | 99.1 | 185 | 0.036 | 0.35 | 0.009 | 0.0075 | 0.007 | 330 | 378 | 27 | 62 | |
| 3302-045 | 1.89 | 157 | 0.5*1000*3000 | Chromated | 72h | 0.9 | 99.1 | 182 | 0.038 | 0.33 | 0.009 | 0.008 | 0.008 | 330 | 380 | 25 | 63 | |
| 3302-046 | 1.89 | 157 | 0.5*1000*3000 | Chromated | 72h | 0.9 | 99.1 | 186 | 0.037 | 0.34 | 0.009 | 0.008 | 0.008 | 333 | 385 | 27 | 64 | |
| 3302-047 | 1.873 | 157 | 0.5*1000*3000 | Chromated | 72h | 0.9 | 99.1 | 184 | 0.036 | 0.35 | 0.009 | 0.008 | 0.008 | 325 | 375 | 26 | 63 | |



产品质量证明书

MILL'S TEST CERTIFICATE

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, Liao Cheng, Shandong, China

| 订货单位 CUSTOMER | | SAMSUNG C&T CORPORATION | | | | | | | 钢号 | CS-B | | | | | 产品名称 PRODUCT | | HOT DIPPED GALVANIZED STEELIN SHEET | |
|---------------------|--------------|-------------------------|------------------|---------------------------|-------------------------|--------------------|------|--|---------------------------------|------|-------|--------|-------|--------------------------------------|-------------------------------------|------|-------------------------------------|--|
| 收货单位 PURCHASER | | SAMSUNG C&T CORPORATION | | | | | | | | | | | | | 签发日期 DATE OF ISSUE | | 2025-9-3 | |
| 标准 SPECIFICATION | | ASTM A653 | | | | | | | | | | | | | 合同号 CONTRACT NO. | | VS202506243302 | |
| 卷号 | 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 | Si | P | S | R _{eL} (N/mm ²) | R _m (N/mm ²) | A(%) | HRB | |
| 3302-048 | 1.887 | 157 | 0.5*1000*3000 | Chromated | 72h | 0.9 | 99.1 | 183 | 0.036 | 0.35 | 0.009 | 0.0075 | 0.007 | 330 | 382 | 25 | 63 | |
| 3302-049 | 1.889 | 157 | 0.5*1000*3000 | Chromated | 72h | 0.9 | 99.1 | 185 | 0.036 | 0.35 | 0.009 | 0.0075 | 0.007 | 335 | 386 | 25 | 63 | |
| 3302-050 | 1.892 | 157 | 0.5*1000*3000 | Chromated | 72h | 0.9 | 99.1 | 182 | 0.038 | 0.33 | 0.009 | 0.008 | 0.008 | 333 | 383 | 27 | 64 | |
| 3302-051 | 1.893 | 157 | 0.5*1000*3000 | Chromated | 72h | 0.9 | 99.1 | 186 | 0.037 | 0.34 | 0.009 | 0.008 | 0.008 | 325 | 375 | 26 | 63 | |
| 3302-052 | 1.888 | 157 | 0.5*1000*3000 | Chromated | 72h | 0.9 | 99.1 | 184 | 0.036 | 0.35 | 0.009 | 0.008 | 0.008 | 330 | 378 | 27 | 62 | |
| 3302-053 | 1.889 | 157 | 0.5*1000*3000 | Chromated | 72h | 0.9 | 99.1 | 183 | 0.036 | 0.35 | 0.009 | 0.0075 | 0.007 | 330 | 380 | 25 | 63 | |
| 3302-054 | 1.405 | 116 | 0.5*1000*3000 | Chromated | 72h | 0.9 | 99.1 | 185 | 0.038 | 0.33 | 0.009 | 0.008 | 0.008 | 330 | 380 | 25 | 63 | |
| 3302-055 | 1.862 | 97 | 0.8*1000*3000 | Chromated | 72h | 0.9 | 99.1 | 185 | 0.037 | 0.34 | 0.009 | 0.008 | 0.008 | 333 | 385 | 27 | 64 | |
| 3302-056 | 1.858 | 97 | 0.8*1000*3000 | Chromated | 72h | 0.9 | 99.1 | 182 | 0.036 | 0.35 | 0.009 | 0.008 | 0.008 | 325 | 375 | 26 | 63 | |
| 3302-057 | 1.862 | 97 | 0.8*1000*3000 | Chromated | 72h | 0.9 | 99.1 | 186 | 0.036 | 0.35 | 0.009 | 0.0075 | 0.007 | 330 | 378 | 27 | 62 | |
| 3302-058 | 1.866 | 97 | 0.8*1000*3000 | Chromated | 72h | 0.9 | 99.1 | 184 | 0.038 | 0.33 | 0.009 | 0.008 | 0.008 | 330 | 380 | 25 | 63 | |
| 3302-059 | 1.88 | 97 | 0.8*1000*3000 | Chromated | 72h | 0.9 | 99.1 | 183 | 0.037 | 0.34 | 0.009 | 0.008 | 0.008 | 333 | 385 | 27 | 64 | |
| 3302-060 | 1.872 | 97 | 0.8*1000*3000 | Chromated | 72h | 0.9 | 99.1 | 185 | 0.036 | 0.35 | 0.009 | 0.0075 | 0.007 | 334 | 386 | 25 | 63 | |
| 3302-061 | 1.888 | 97 | 0.8*1000*3000 | Chromated | 72h | 0.9 | 99.1 | 182 | 0.038 | 0.33 | 0.009 | 0.008 | 0.008 | 333 | 383 | 27 | 64 | |
| 3302-062 | 1.874 | 97 | 0.8*1000*3000 | Chromated | 72h | 0.9 | 99.1 | 186 | 0.037 | 0.34 | 0.009 | 0.008 | 0.008 | 325 | 375 | 26 | 63 | |
| 3302-063 | 1.878 | 97 | 0.8*1000*3000 | Chromated | 72h | 0.9 | 99.1 | 184 | 0.036 | 0.35 | 0.009 | 0.008 | 0.008 | 330 | 378 | 27 | 62 | |
| 3302-064 | 1.868 | 97 | 0.8*1000*3000 | Chromated | 72h | 0.9 | 99.1 | 183 | 0.036 | 0.35 | 0.009 | 0.0075 | 0.007 | 330 | 380 | 25 | 63 | |
| 3302-065 | 1.868 | 97 | 0.8*1000*3000 | Chromated | 72h | 0.9 | 99.1 | 185 | 0.038 | 0.33 | 0.009 | 0.008 | 0.008 | 330 | 380 | 25 | 63 | |
| 3302-066 | 1.868 | 97 | 0.8*1000*3000 | Chromated | 72h | 0.9 | 99.1 | 185 | 0.037 | 0.34 | 0.009 | 0.008 | 0.008 | 333 | 385 | 27 | 64 | |
| 3302-067 | 1.868 | 97 | 0.8*1000*3000 | Chromated | 72h | 0.9 | 99.1 | 182 | 0.036 | 0.35 | 0.009 | 0.008 | 0.008 | 325 | 375 | 26 | 63 | |
| 3302-068 | 1.868 | 97 | 0.8*1000*3000 | Chromated | 72h | 0.9 | 99.1 | 186 | 0.036 | 0.35 | 0.009 | 0.0075 | 0.007 | 330 | 378 | 27 | 62 | |
| 3302-069 | 1.868 | 97 | 0.8*1000*3000 | Chromated | 72h | 0.9 | 99.1 | 184 | 0.038 | 0.33 | 0.009 | 0.008 | 0.008 | 330 | 380 | 25 | 63 | |
| 3302-070 | 1.86 | 97 | 0.8*1000*3000 | Chromated | 72h | 0.9 | 99.1 | 183 | 0.037 | 0.34 | 0.009 | 0.008 | 0.008 | 333 | 385 | 27 | 64 | |
| 3302-071 | 1.866 | 97 | 0.8*1000*3000 | Chromated | 72h | 0.9 | 99.1 | 185 | 0.036 | 0.35 | 0.009 | 0.008 | 0.008 | 325 | 375 | 26 | 63 | |
| 3302-072 | 1.868 | 97 | 0.8*1000*3000 | Chromated | 72h | 0.9 | 99.1 | 182 | 0.036 | 0.35 | 0.009 | 0.0075 | 0.007 | 330 | 378 | 27 | 62 | |
| 3302-073 | 1.861 | 97 | 0.8*1000*3000 | Chromated | 72h | 0.9 | 99.1 | 186 | 0.036 | 0.35 | 0.009 | 0.0075 | 0.007 | 333 | 385 | 27 | 64 | |
| 3302-074 | 1.862 | 97 | 0.8*1000*3000 | Chromated | 72h | 0.9 | 99.1 | 184 | 0.038 | 0.33 | 0.009 | 0.008 | 0.008 | 325 | 375 | 26 | 63 | |



产品质量证明书

MILL'S TEST CERTIFICATE

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

| 订货单位 CUSTOMER | | SAMSUNG C&T CORPORATION | | | | | | | 钢号 | CS-B | | | | | 产品名称 PRODUCT | | HOT DIPPED GALVANIZED STEELIN SHEET | |
|---------------------|--------------|--|------------------|---------------------------|-------------------------|--------------------|------|--|---------------------------------|------|-------|--------|-------|--------------------------------------|-------------------------------------|------|-------------------------------------|--|
| 收货单位 PURCHASER | | SAMSUNG C&T CORPORATION | | | | | | | | | | | | | 签发日期 DATE OF ISSUE | | 2025-9-3 | |
| 标准 SPECIFICATION | | ASTM A653 | | | | | | | | | | | | | 合同号 CONTRACT NO. | | VS202506243302 | |
| 卷号 | 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 | Si | P | S | R _{el} (N/mm ²) | R _m (N/mm ²) | A(%) | HRB | |
| 3302-075 | 1.863 | 97 | 0.8*1000*3000 | Chromated | 72h | 0.9 | 99.1 | 183 | 0.037 | 0.34 | 0.009 | 0.008 | 0.008 | 330 | 378 | 27 | 62 | |
| 3302-076 | 1.874 | 97 | 0.8*1000*3000 | Chromated | 72h | 0.9 | 99.1 | 185 | 0.036 | 0.35 | 0.009 | 0.0075 | 0.007 | 335 | 382 | 25 | 63 | |
| 3302-077 | 1.876 | 97 | 0.8*1000*3000 | Chromated | 72h | 0.9 | 99.1 | 185 | 0.038 | 0.33 | 0.009 | 0.008 | 0.008 | 333 | 385 | 27 | 64 | |
| 3302-078 | 1.875 | 97 | 0.8*1000*3000 | Chromated | 72h | 0.9 | 99.1 | 182 | 0.037 | 0.34 | 0.009 | 0.008 | 0.008 | 325 | 375 | 26 | 63 | |
| 3302-079 | 1.872 | 97 | 0.8*1000*3000 | Chromated | 72h | 0.9 | 99.1 | 186 | 0.036 | 0.35 | 0.009 | 0.008 | 0.008 | 330 | 378 | 27 | 62 | |
| 3302-080 | 1.893 | 97 | 0.8*1000*3000 | Chromated | 72h | 0.9 | 99.1 | 184 | 0.036 | 0.35 | 0.009 | 0.0075 | 0.007 | 335 | 386 | 25 | 63 | |
| 3302-081 | 1.682 | 87 | 0.8*1000*3000 | Chromated | 72h | 0.9 | 99.1 | 183 | 0.038 | 0.33 | 0.009 | 0.008 | 0.008 | 333 | 383 | 27 | 64 | |
| | 333.468 | | | | | | | | | | | | | | | | | |
| 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. | | | | | | | | | | | | | | | | |

