

TEST REPORT

No. : XMIN22000805ML01_EN

Date : 2022-10-21

Page: 1 of 3

scan to see the report



XMIN22000805ML01

CUSTOMER NAME: SUNRACK SOLAR CO., LTD
ADDRESS: NO. 333 QIMEN ROAD, SHUSHAN DISTRICT, HEFEI,
ANHUI 230071, CHINA

Sample Name : ZNIC-NICKEL COATING

Above information and sample(s) was/were submitted and confirmed by the client. SGS, however, assumes no responsibility to verify the accuracy, adequacy and completeness of the sample information provided by client.

Date of Receipt : 2022-08-17
Testing Start Date : 2022-08-17
Testing End Date : 2022-09-29
Test result(s) : For further details, please refer to the following page(s)
(Unless otherwise stated the results shown in this test report refer only to the sample(s) tested)

Signed for
SGS-CSTC Standards Technical
Services Co.,Ltd. Xiamen Branch.

Hank Li
Authorized signatory



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

SGS-CSTC Standards Technical Services Co., Ltd.
Xiamen Branch Testing Centre-Materials Laboratory

No.31 Xianghong Road, Xiang'an Torch Industrial Zone, Xiamen, Fujian Province, China. 361101 t (86-592) 5761588 f (86-592) 5765380 www.sgs.com.cn
中国·福建·厦门·火炬(翔安)产业区翔虹路31号 邮编:361101 t (86-592) 5761588 f (86-592) 5765380 e sgs.china@sgs.com

TEST REPORT

No. : XMIN22000805ML01_EN

Date : 2022-10-21

Page: 2 of 3

1. Neutral Salt Spray Test (NSS)

Test Method: DIN EN ISO 9227:2017

Test Conditions:

Arrangement of test specimens: supported between 15°~25° from the vertical direction.

Concentration of solution collected: (50±5)g/L NaCl

Chamber temperature: (35±2)°C

Volume of salt solution collected: (1.0~2.0) ml/(80cm²·h)

pH of collected solution at (25±2)°C: 6.5~7.2

Exposure period: 1000h

Treatment of specimens after test: allow them to dry for 0.5h to 1h before rinsing, clean them in running water (≤40°C), then dry immediately.

Sample No.	Defects description	Appearance rating/ R _A	Protection rating/ R _P
1#(001)	White rust	2	10
2#(001-1)	White rust	2	10
3#(001-2)	White rust	2	10

Note: Appearance rating/protection rating refers to DIN EN ISO 10289:2001, as follows:

Area of defects, A (%)	Rating
0(No defects)	10
0 < A ≤ 0.1	9
0.1 < A ≤ 0.25	8
0.25 < A ≤ 0.5	7
0.5 < A ≤ 1.0	6
1.0 < A ≤ 2.5	5
2.5 < A ≤ 5.0	4
5.0 < A ≤ 10	3
10 < A ≤ 25	2
25 < A ≤ 50	1
50 < A	0



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

No.31 Xianghong Road, Xiang'an Torch Industrial Zone, Xiamen, Fujian Province, China. 361101 t (86-592) 5761588 f (86-592) 5765380 www.sgs.com.cn
 中国·福建·厦门·火炬(翔安)产业区翔虹路31号 邮编:361101 t (86-592) 5761588 f (86-592) 5765380 e sgs.china@sgs.com

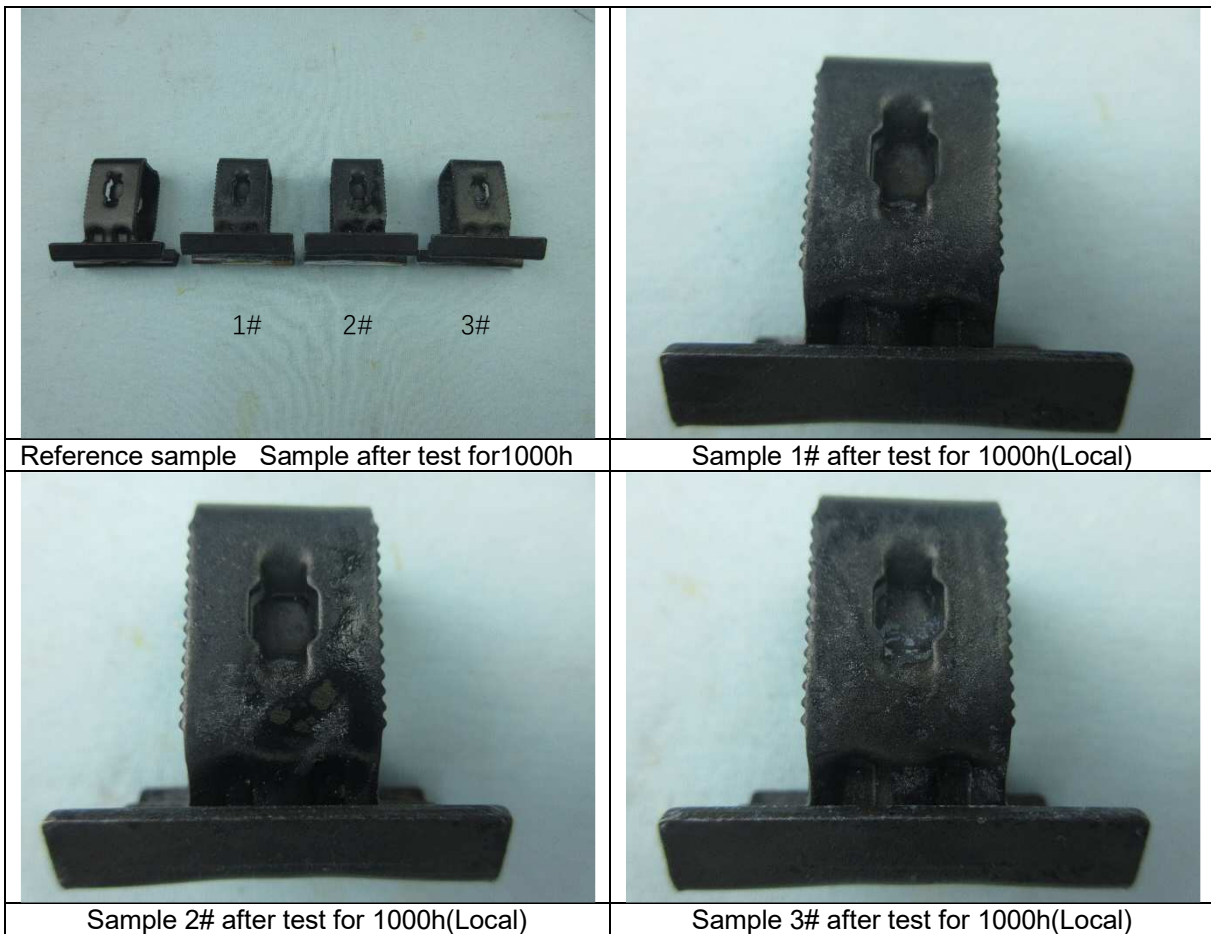
TEST REPORT

No. : XMIN22000805ML01_EN

Date : 2022-10-21

Page: 3 of 3

Test Photo:



***** End of report *****