

TEST REPORT

No. : GZMR230701959203

Date : Aug 10, 2023

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CUSTOMER NAME: NINGBO SUNRISE ENVIRONMENTAL PROTECTION SOLUTION CO.,LTD

ADDRESS: NO.222 LEHAI RD, BEILUN DISTRICT, NINGBO, CHINA

Sample Name : Material used for portable toilet

Product specification : Wall panels

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.

SGS Ref. No. : NBIN2307001706PL03

Date of Receipt : Jul 13, 2023

Testing Start Date : Jul 13, 2023

Testing End Date : Aug 10, 2023

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. Guangzhou Branch



Cathy Peng
Authorized signatory



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Summary of Results:

No.	Test Item	Test Method	Result	Conclusion
1	Light Ageing Test- Xenon-arc Exposure	ISO 4892-2:2013/Amd.1:2021 Cycle 1 & ISO 105- A02:1993/Cor.2:2005	See result	/

Note: Pass : Meet the requirements;
Fail : Does not meet the requirements;
/ : Not Apply to the judgment.



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Test Item: Light Ageing Test-Xenon-arc Exposure

Sample Description: Plastic part

Test Method: ISO 4892-2:2013/Amd.1:2021 Cycle 1 & ISO 105-A02:1993/Cor.2:2005

Test Condition:

Exposure cycle:

Irradiance: $(0.51 \pm 0.02) W / (m^2 \cdot nm) @ 340nm$

102 min light at $(65 \pm 3)^\circ C$ BST, $(38 \pm 3)^\circ C$ CT, $(50 \pm 10)\%RH$

18 min light and water spray

Filter: Boro/Boro

Exposure period: 600h

Test Result:

Test Item	Exposure period	Grey scale	Appearance
Light Ageing Test-Xenon-arc Exposure	240h	4-5	No evident discoloration, and no visual cracking pr blistering
	480h	4-5	No evident discoloration, and no visual cracking pr blistering
	600h	4-5	No evident discoloration, and no visual cracking pr blistering

Note:

1. According to ISO 105-A02:1993/Cor.2:2005, the grey scale was determined under the D65 standard light, with scale 5 as the best and scale 1 as the worst.
2. The results were carried out within 1 hour after above specified durations for the intermediate inspection as well as at the end of the exposure.



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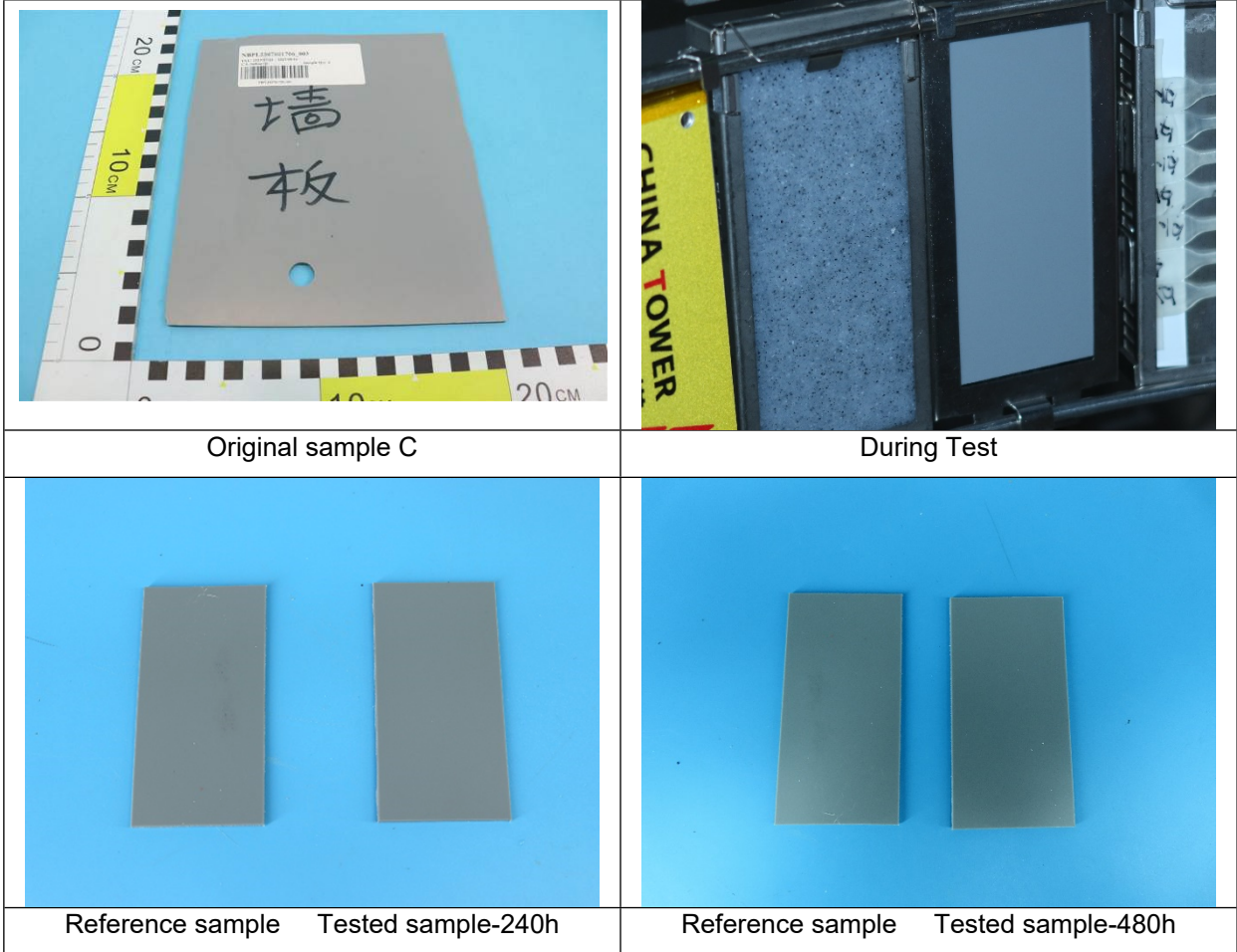
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Test Photo:



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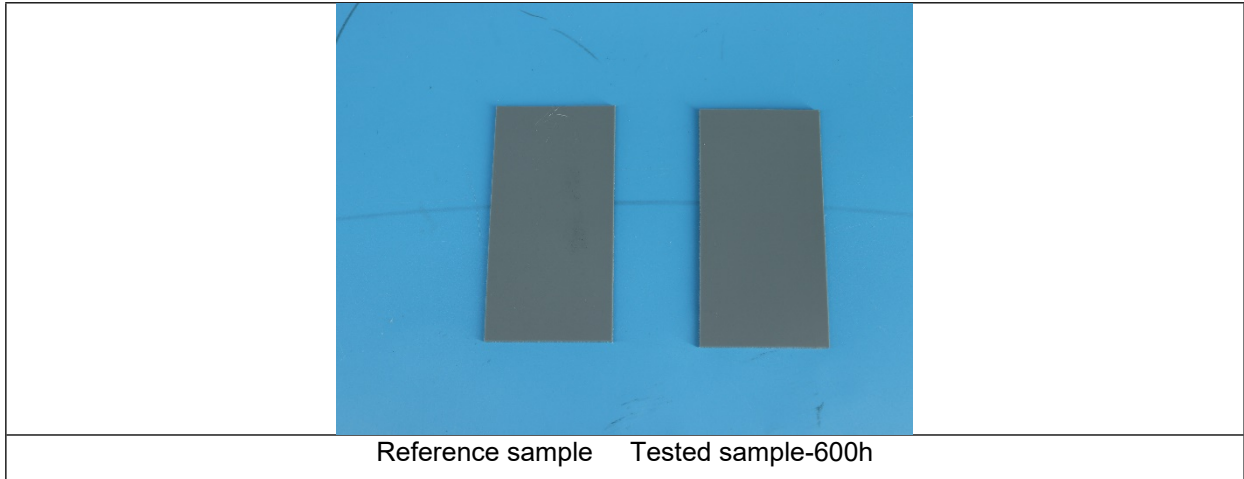
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Equipment Information:

Equipment	Model	Equipment No.	Calibration date	Next Calibration date
Xenon Weathering Tester	Ci5000	GZMR-AG-E169	2023-06-16	2024-06-15
Colour Assessment Cabinet	CAC 120-5	GZMR-AG-E287	2023-06-14	2024-06-13

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



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