



Test Report

ASH20-074813-02

Date: 09 Dec 2020

Client Name: CNOOC Changzhou EP Coating CO.,LTD
Client Address: No.2 Yulong Road(M), Changzhou Jiangsu, China

Sample Name: Antimicrobial topcoat for home appliance board
Manufacturer: /
Sample Batch No.: /
Production Date: /

Above information and sample(s) was/were submitted and certified by the client, SGS quoted the information with no responsibility as to the accuracy, adequacy and/or completeness.

SGS Reference No. : SP20-037548
Date of Sample Received : 30 Nov 2020
Testing Period : 30 Nov 2020 - 09 Dec 2020
Test Requested : Selected test(s) as requested by client.
Test Method : Please refer to next page(s).
Test Result(s) : Please refer to next page(s).

Chinese shall prevail in this report.

Unless otherwise stated the results shown in this test report refer only to the items tested, and for clients internal use only, not to the society has the proof function. This document cannot be used for improper publicity, without prior written approval of the SGS.



scan to see the report



ASH20-074813-02

SGS Authorized Signature

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Sample Description :

Specimen No.	SGS Sample ID	Description
1	ASH20-074813.001	sample in bag

Test Result(s) :

Test Requested : Selected test(s) as requested by applicant:

Assessment of antimicrobial activity for the submitted sample before durability test

Test Method : HG/T 3950-2007 Antibacterial coating: Appendix A. Antibacterial coating-The test method of antibacterial activity

ASH20-074813.001

Test organism(s)	Escherichia coli AS1.90	Staphylococcus aureus AS 1.89
Bacteria concentration (cfu/mL)	9.1x10 ⁵	8.3x10 ⁵
Sample-24 h (cfu/piece)	<20	1.7x10 ⁵
Control sample -24 h (cfu/piece)	4.2x10 ⁷	2.6x10 ⁷
Negative sample -24 h (cfu/piece)	3.8x10 ⁷	2.3x10 ⁷
Antibacterial rate (%)	>99.9	99.3

Notes :

The negative sample is provided by SGS laboratory.

The control sample is provided by SGS laboratory.

Test coating side.

Pretreatment: ultraviolet sterilization for 5 min.



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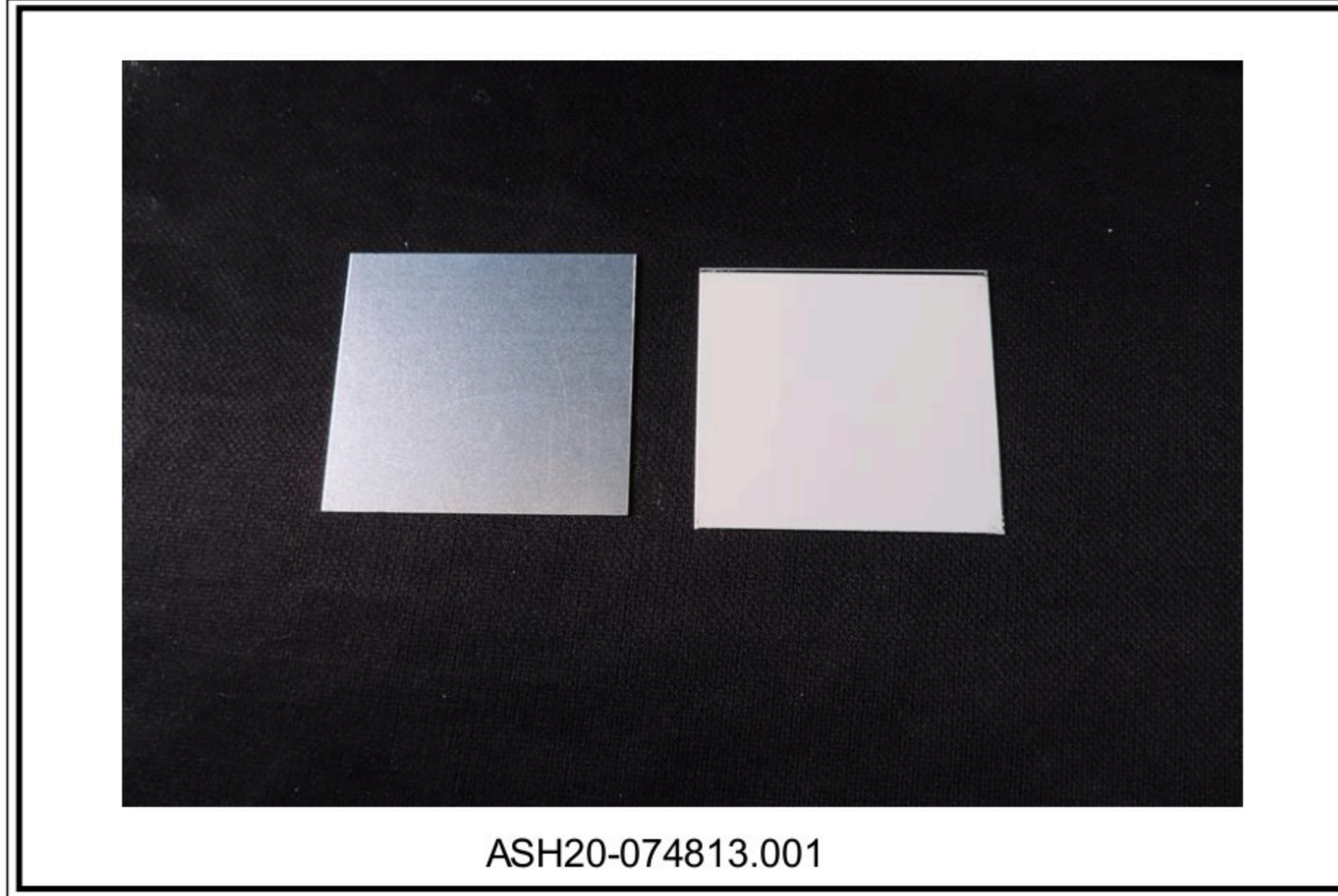
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Sample photo:



SGS authenticate the photo on original report only

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