

Test Report

Report No. A224052793610100101

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Company Name SHANGHAI WALLIS TECHNOLOGY CO., LTD.

Address NO. 912 YECHENG ROAD, JIADING INDUSTRY AREA, SHANGHAI, CHINA

The following sample(s) and sample information was/were submitted and identified by/on the behalf of the client

Sample Name PET-G membrane

Sample Received Date Aug. 28, 2024

Testing Period Aug. 28, 2024-Sep. 5, 2024

Test Requested

No.	Test Item
1	Surface contamination resistance

Test Result(s): Please see the following pages.

Approved by

Hua Cai Li

Date

Sep. 5, 2024

Hua Cai Li

Approved Signatory

Centre Testing International Group Co., Ltd.

Hongwei Industrial Zone, Bao'an 70 District, Shenzhen, Guangdong, China

No. R9F6ECAD44



Test Report

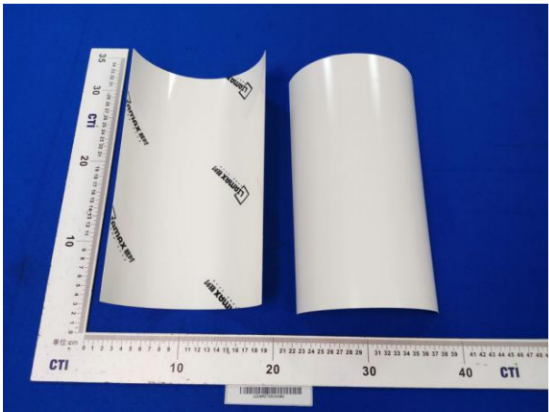
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Tested Sample(s)

Sample No.	Sample Name
A2240527936101001	PET-G membrane

Sample Photo(s)



A2240527936101001

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Test Item: Surface contamination resistance

1. Test Equipment

Equipment Name	Model
Electronic balance	BSA2202S

2. Environmental Conditions

Room Temperature

3. Test Standard: GB/T 17657-2022 Section 4.43

4. Test Condition

Test reagents: See the table below;

Test time: See the table below for details;

No.	Test Reagent	Brand/Specification	Test Time
1	Acetone	AR	16h
2	Coffee	Arabica black coffee	16h
3	25% Sodium hydroxide	AR	10min
4	30% Hydrogen peroxide solution	GR	10min
5	Shoe polish	Huang yu	10min

Test temperature: (23±2) °C;

Test method: drop method;

Evaluation content: Check the appearance of the sample.

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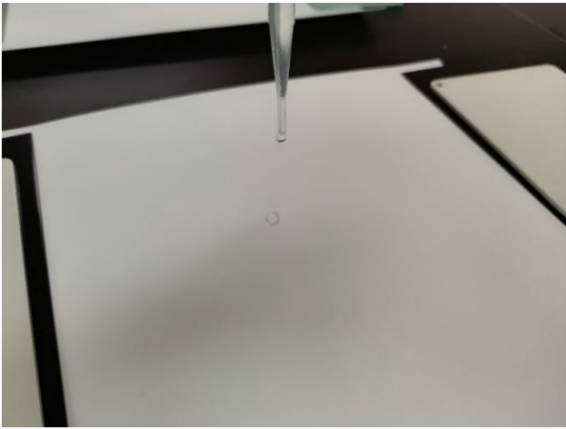
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5. Test Result(s)

Sample No.	Test reagent	Test results (appearance grade)	
		Cover	Uncovered
A2240527936101001	Acetone	Grade 5	Grade 5
	Coffee	Grade 5	Grade 5
	25% Sodium hydroxide	Grade 5	Grade 5
	30% Hydrogen peroxide solution	Grade 5	Grade 5
	Shoe polish	Grade 5	Grade 5

Note: According to Article 4.44 of GB/T 17657-2022, Grade 5 is the best and Grade 1 is the worst.

Test Photo(s)



A2240527936101001

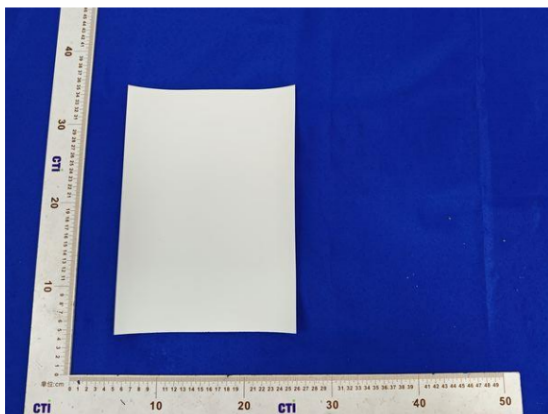
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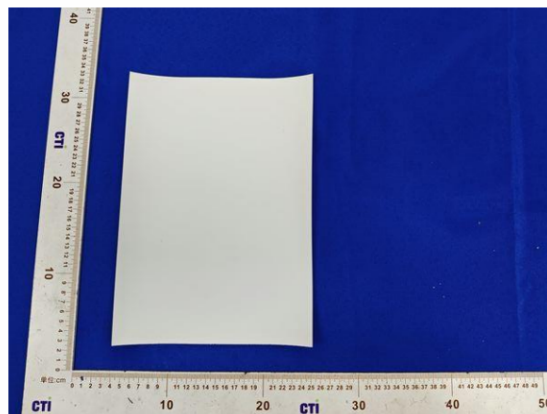
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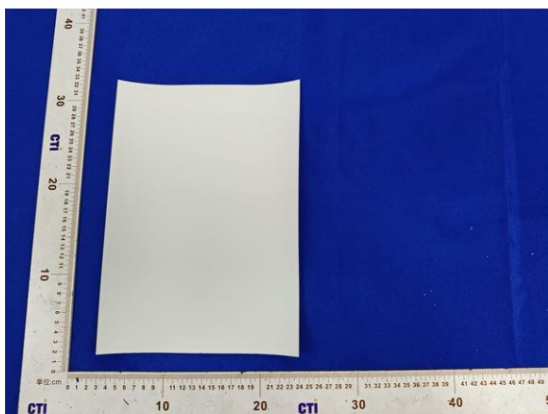
Sample Photo(s) after the test



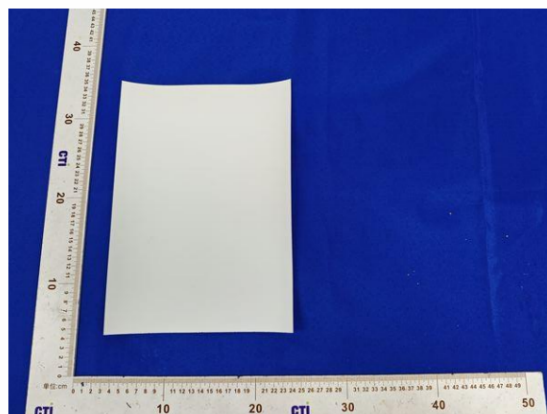
A2240527936101001-Acetone (cover)



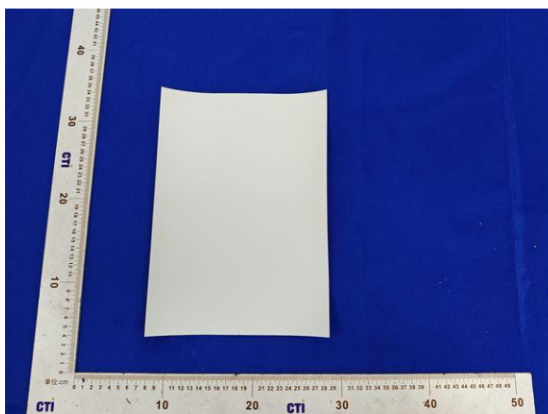
A2240527936101001-Acetone (uncovered)



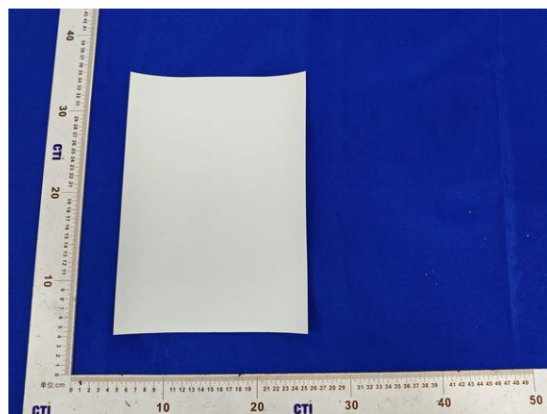
A2240527936101001-Coffee (cover)



A2240527936101001-Coffee (uncovered)



A2240527936101001-25% Sodium hydroxide
(cover)

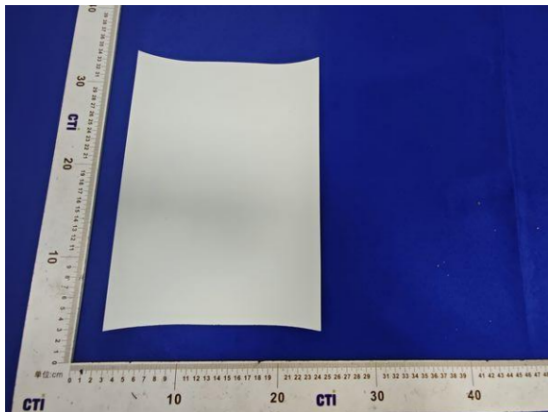


A2240527936101001-25% Sodium hydroxide
(uncovered)

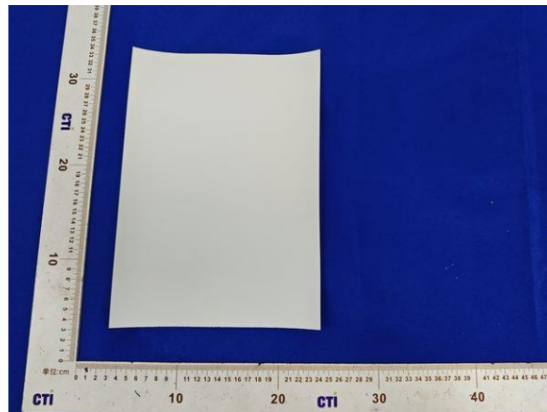
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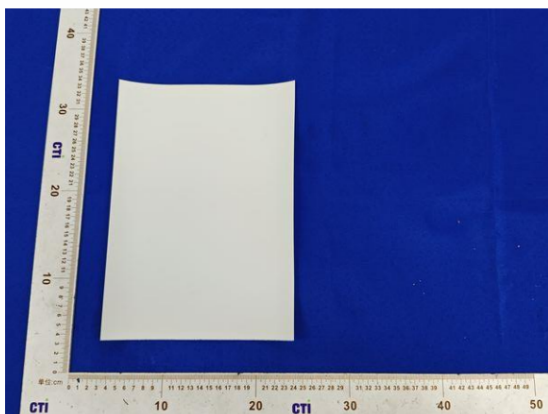
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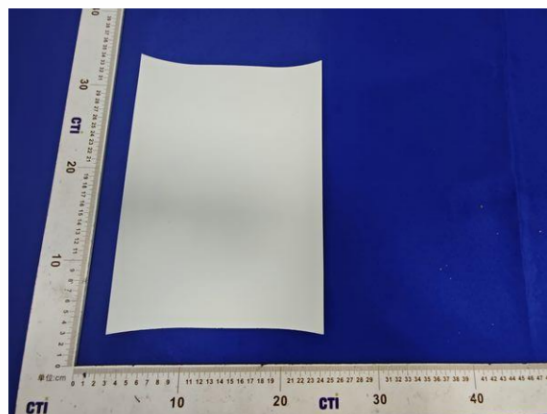
A2240527936101001-30% Hydrogen peroxide solution (cover)



A2240527936101001-30% Hydrogen peroxide solution (uncovered)



A2240527936101001-Shoe polish (cover)



A2240527936101001-Shoe polish (uncovered)

Remark: The testing data and result(s) in this report is(are) just for scientific research, education, internal quality control and product development etc.

Statement:

- 1.This report is considered invalid without approved signature, special seal and the seal on the perforation;
- 2.The sample(s) and sample information was/were provided by the client who should be responsible for the authenticity which CTI hasn't verified;
- 3.The result(s) shown in this report refer(s) only to the sample(s) tested;
- 4.Without written approval of CTI, this report can't be reproduced except in full;
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*** End of Report ***

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