

Nanhai Display Limited

TEST REPORT

SCOPE OF WORK

Nano Cloaking Film

REPORT NUMBER

230703002SHF-001

TEST DATE(S)

2023-07-03 - 2023-07-14

ISSUE DATE

2023-07-18

PAGES

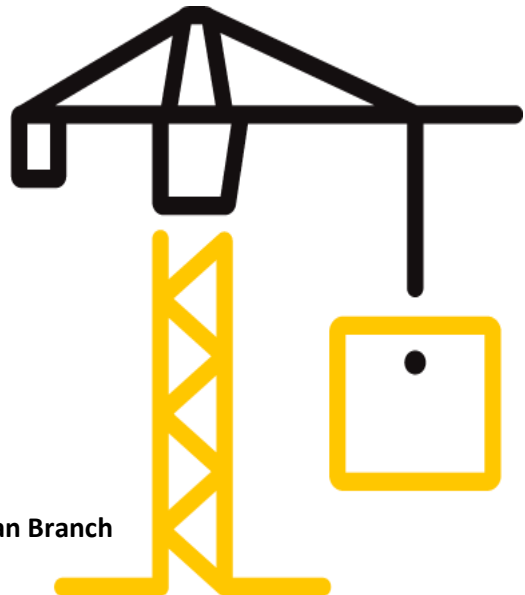
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DOCUMENT CONTROL NUMBER

LFT-APAC-SHF-OP-10k(September 1, 2022)

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Intertek Testing Services Shenzhen Ltd. Shanghai Fengxian Branch



Test Report

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Test Report

Issue Date: 2023-07-18 Intertek Report No. 230703002SHF-001
Applicant: Nanhai Display Limited
Address: Rooms 1318-19, Hollywood Plaza, 610 Nathan Road, Mongkok, Kowloon, HK, 999077
Attn: Joe Son
Manufacturer: Xiuya Technology (Shanghai) Co.,Ltd.
Address: Room U22, Building 3, No.39 Linbao Road, Tinglin Town, Jinshan District, Shanghai
Test Type: Performance test, samples provided by the applicant.

Product Information

Product Name	Nano Cloaking Film	Brand	/
Sample Description	Good Condition	Sample Amount	4 pcs
		Received Date	2023-06-30
Sample ID	Model	Specification	
S230703002SHF.001	TOF2	48inch*100feet	

Test Methods And Standards

Test Standard	ASTM E84-19a Standard Test Method for Surface Burning Characteristics of Building Materials
Specification Standard	/
Test Conclusion	The samples were tested according to the above standards, and the results are shown in the following page.

Note:

1.This report does not involve sampling. The report only reflects conformity of the tested items of the samples provided by the testing applicant. Representativeness and authenticity of the submitted samples are responsibilities of the testing applicant.

Report Authorized


Harrison Li *Lu Cheng*
Name: Harrison Li Title: Project Engineer
Title: Reviewer

Test Report

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Test Items, Method and Results:

Test Method: ASTM E84-19a Standard Test Method for Surface Burning Characteristics of Building Materials

Specimen Mounting Method:

The 24.02-ft. long test specimen consisted of four 6.00-ft. long x 24.02-in. wide x 0.25-in. thick cement fibre boards covered with 0.007-in. thick "Nano Cloaking Film". The protective film was peeled off before test.

The surface with Nano Cloaking Film was exposed to the fire.

The specimen was self-supported.

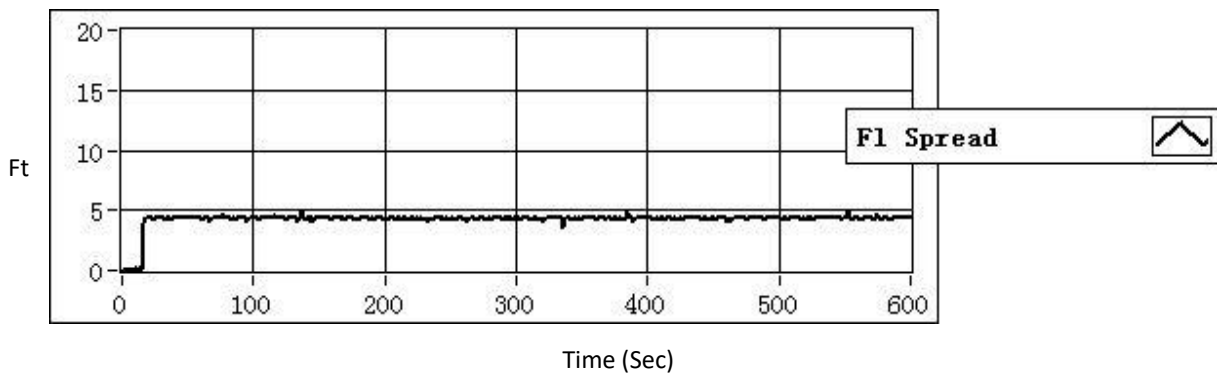
Test Observation (min:sec)

Melting	Blistering	Cracking	Steady Ignition	Flaming drops
/	/	0:11	0:13	/
Delamination	Sagging	Floor Flames	Flaking	Falling
/	/	0:30	/	/

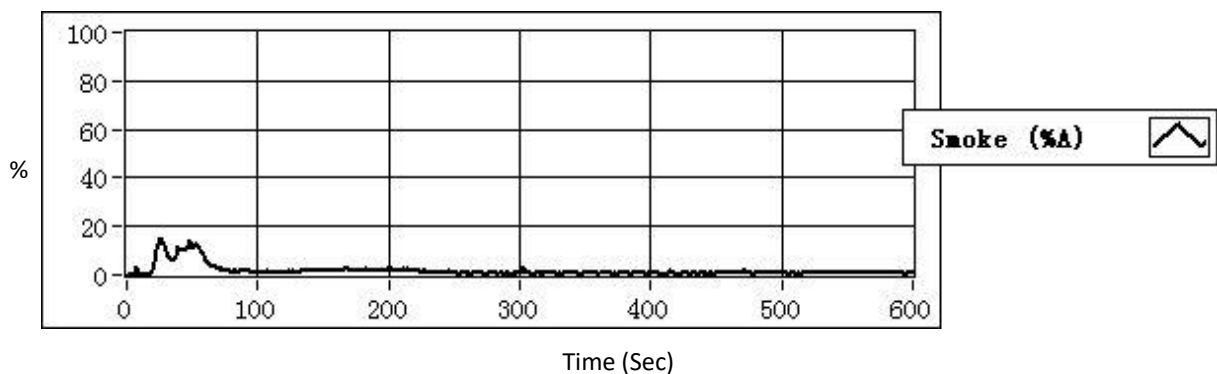
Test Result

Flame Spread Index (FSI)	25	Smoke Developed Index(SDI)	20
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Flame spread graph



Smoke developed graph



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Appendix A: Sample Received Photo



Revision:

NO.	Date	Changes
230703002SHF-001	2023-07-18	First issue

