NANTONG MACHS COMPOSITE MATERIAL CO., LTD

TEST REPORT

SCOPE OF WORK
FRP GRATING 1003

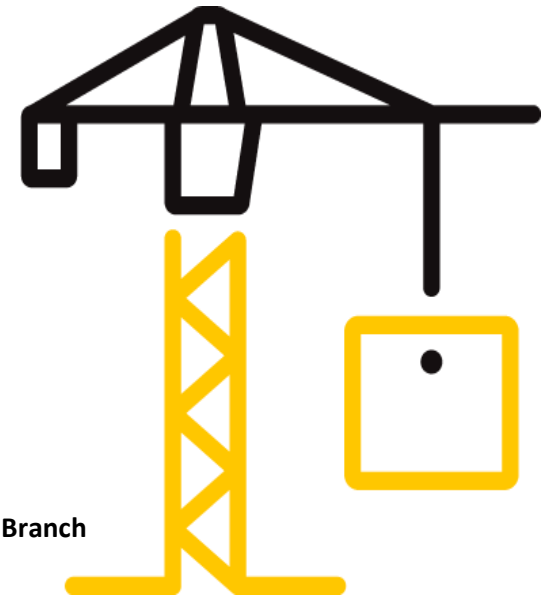
REPORT NUMBER
210624007SHF-005

TEST DATE(S)
2021-06-24 - 2021-07-14

ISSUE DATE
2021-07-14

PAGES
5

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Intertek Testing Services Shenzhen Ltd. Shanghai Fengxian Branch

Test Report

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Test Report

Issue Date: 2021-07-14 Intertek Report No. 210624007SHF-005

Applicant: NANTONG MACHS COMPOSITE MATERIAL CO., LTD

Address: NO.288,HUANGHAI ROAD NANTONG

Attn: Jianhua Yang

Test Type： Performance test, samples provided by the applicant.

Product Information

Product Name	FRP GRATING 1003	**Brand**	Mach's
Sample Description	Good Condition	**Sample Amount**	4 pcs
		Received Date	2021-06-22

Sample ID	**Model**	**Specification**
S210624007SHF.005	38s38 38/p5 Ve/iso	600 X 7000

Test Methods And Standards

Test Standard	ASTM E84-21 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 relates specifically to the sample(s) that were drawn and provided by the applicant or their nominated third party. The reported result(s) provide no warranty or verification on the sample(s) representing any specific goods and/or shipment and only relate to the sample(s) as received and tested.

Report Authorized

Name: Harrison Li Name: Jay Gong

Title: Reviewer Title: Project Engineer

Test Report

Issue Date: 2021-07-14 Intertek Report No. 210624007SHF-005

Test Items, Method and Results:

Test Method: ASTM E84-21 Standard Test Method for Surface Burning Characteristics of Building Materials

Specimen Mounting Method:

The 23.95-ft. long test specimen consisted of four 5.99-ft. long x 23.62-in. wide x 1.36-in. thick "FRP GRATING 1003".

The smooth surface was exposed to the fire.

The specimen was self-supported.

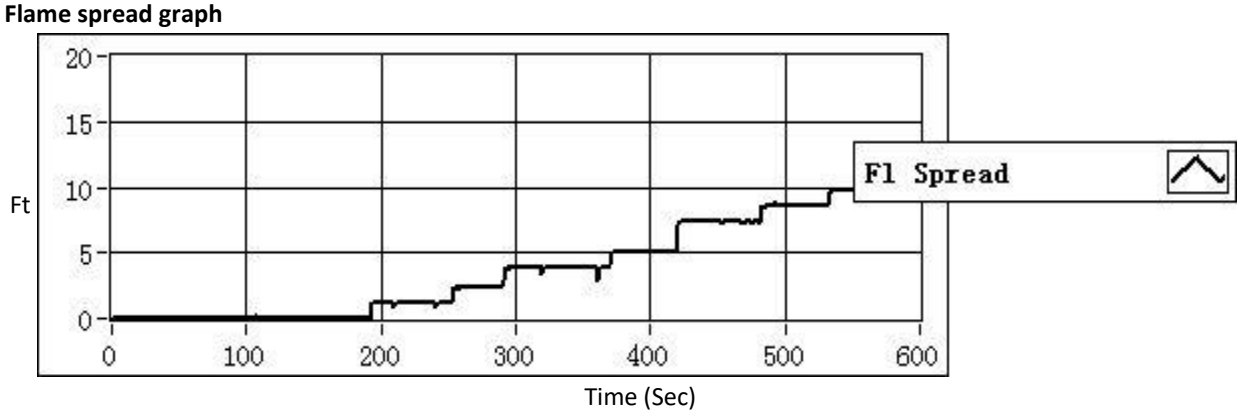
Test Observation (min:sec)

Melting	Blistering	Transient Ignition	Steady Ignition	Flaming drops
/	/	2:17	2:55	/
Delamination	Sagging	Shrinkage	Cracking	Floor Flames
/	/	/	/	/

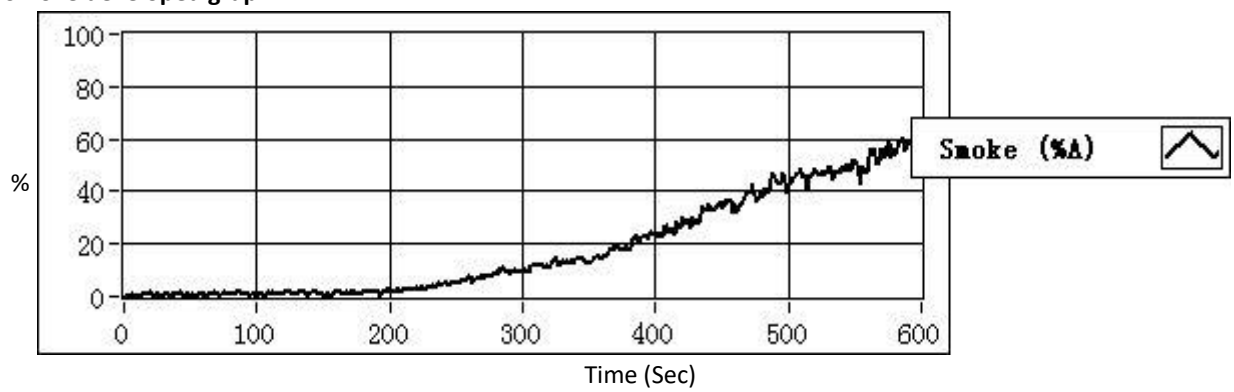
Test Result

Flame Spread Index (FSI)	20	Smoke Developed Index(SDI)	250

Flame spread graph



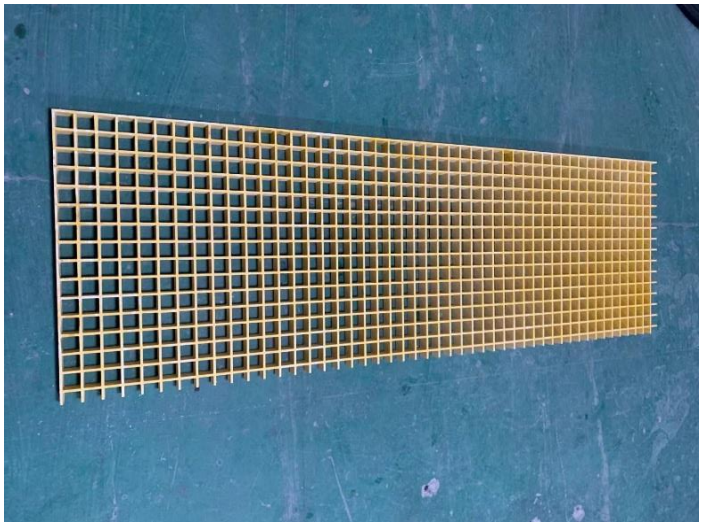
Smoke developed graph



Test Report

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Appendix A: Sample Received Photo



Revision:

NO.	Date	Changes
210624007SHF-005	2021-07-14	First issue