NANTONG MACHS COMPOSITE MATERIAL CO.,LTD

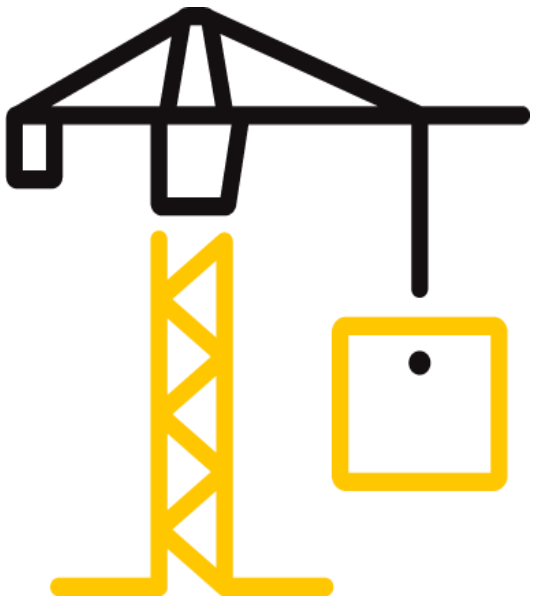
TEST REPORT

REPORT NUMBER
190325002SHF-001

ISSUE DATE
2019/4/15

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4

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Test Report

Issue Date: 2019/4/15 Intertek Report No. 190325002SHF-001

Applicant: NANTONG MACHS COMPOSITE MATERIAL CO.,LTD

Applicant Address: NO.288, HUANGHAI ROAD NANTONG, JIANGSU , CHINA

Attn: Wang Congshan

SUBJECT: Performance testing
FRP molded grating

Dear Sir,
This test report represents the results of our evaluation of the above referenced product(s) to the requirements contained in the following standards:

TEST METHODS AND STANDARDS
Refer to the next following Pages.

SAMPLE ID	MODEL	SPECIFICATION
S190325002SHF.001	Mesh 38*38mm , thickness 38mm	/

SAMPLE RECEIEVED: 2019/3/25
TESTED FROM: 2019/3/25 TO 2019/4/15

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Test Report

Issue Date: 2019/4/15 Intertek Report No. 190325002SHF-001

Test Items, Method and Results:

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

Specimen Mounting Method:

The 24.02-ft. long test specimen consisted of two 12.01-ft. long × 22.83-in. wide × 1.50-in. thick "FRP molded grating ".

The specimen is same on both sides.

The specimen is self supporting.

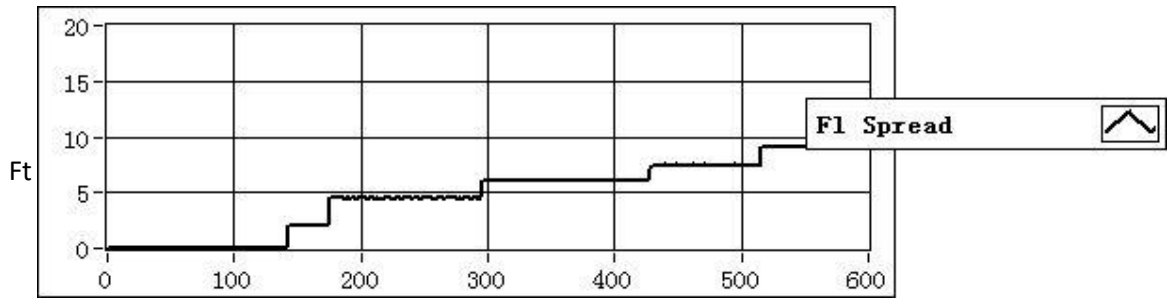
Test Observation (min:sec)

Melting	Blistering	Transient Ignition	Steady Ignition	Flaming drops
/	/	/	1:53	/
Delamination	Sagging	Shrinkage	Falling	Floor Flame
/	/	/	/	/

Test Result

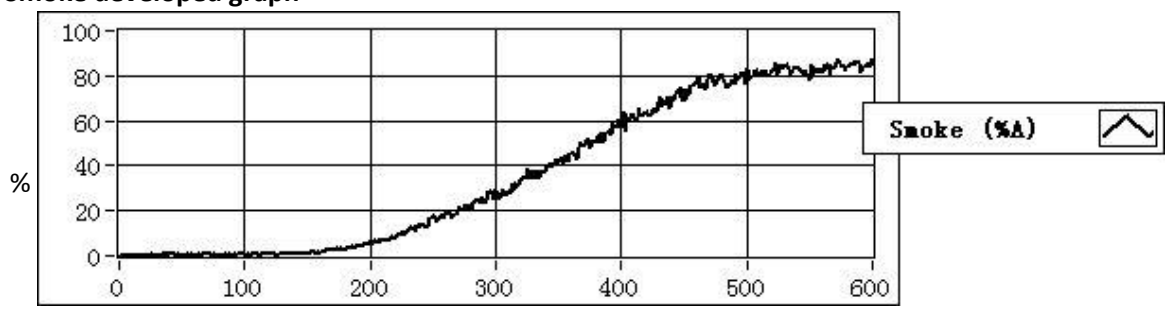
Flame Spread Index (FSI)	15	Smoke Developed Index(SDI)	1000

Flame spread graph



Time (Sec)

Smoke developed graph



Time (Sec)

Test Report

Issue Date: 2019/4/15 Intertek Report No. 190325002SHF-001

APPENDIX: SAMPLE RECEIVED PHOTO





REPORT AUTHORIZED

When signed with physical or electronic signature, the contents of this report have been prepared and approved per Intertek's quality process in accordance with ISO 17025.

Harrison Li Young Zheng

Name: Harrison Li Name: Young Zheng
Title: Reviewer Title: Project Engineer

Revision:

NO.	DATE	CHANGES	AUTHOR	REVIEWER
190325002SHF-001	2019/4/15	First issue	Young Zheng	Harrison Li