



中国认可
国际互认
检测
TESTING
CNAS L4743

Test Report

No. AJFS2101000322FF

Date: JAN.20, 2021

Page 1 of 3

HAINING LONA COATED MATERIAL CO., LTD.

NO.56 HONGQI ROAD, WARP KNITTING IND ZONE, HAINING, ZHEJIANG, CHINA 314419

The following sample(s) information was / were submitted and identified on behalf of the client. SGS is not responsible for the authenticity, integrity and results of the data and information and / or the validity of the conclusion arising therefrom. Results apply to the sample as received.

Sample Description: PVC VINYL

SGS Ref No.: AJHL2101000108OT

P.O. / Ref No.: L0320091801

Country of Destination: USA

Test Requested:

NFPA 701:2019 Standard Methods of Fire Tests for Flame Propagation of Textiles and Films, test method 1.

Test Results: -- See attached sheet --

Conclusion:

The tested sample "As received" **meets** the requirements of NFPA 701:2019, test method 1.

Test Period:

Sample Receiving Date : JAN.12, 2021

Test Performing Date : JAN.12, 2021 TO JAN.19, 2021

Signed for and on behalf of
SGS-CSTC Co., Ltd. Anji Branch

Allen Zou
Lab Manager

scan to see the report



AJFS2101000322FF



SGS-CSTC Inspection & Testing Services Co., Ltd.
Anji Branch Fire Technology Service

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Member of the SGS Group (SGS SA)

I. Test Conducted

This test was conducted in accordance with test method 1 of NFPA 701:2019 Standard Methods of Fire Tests for Flame Propagation of Textiles and Films, test method 1.

II. Details of tested sample

Sample description / Color	PVC Vinyl / Light Green/Brown
Area density	About 305 g/m ²
Products configuration	Single Layer
Size of sample *	400 mm x 150mm
Exposed surface	Light green face

* With the length parallel to the lengthwise direction of the material.

III. Conditioning and cleaning procedure

Cleaning procedure: none

Prior to testing, the sample was: [] Dried in oven at 105°C±3°C for 30 minutes.

[] Conditioned at 20°C±5°C for 24 hours.

IV. Test results

Specimen No.	Mass before test (g)	Mass after test (g)	Mass loss (%)	After flame time (s)	Burning time on floor (s)
1	20.16	18.65	7.49	4.1	0
2	19.35	17.46	9.77	0	0
3	18.96	16.54	12.76	13.9	0
4	18.77	17.59	6.29	11.7	0
5	19.30	16.48	14.61	0	11.9
6	19.52	17.25	11.63	5.8	0
7	18.94	18.02	4.86	0	0
8	19.63	16.28	17.07	10.2	0
9	20.07	17.38	13.40	0	7.2
10	20.20	18.37	9.06	0	0
Average	19.49	17.40	10.69	4.6	1.9

SD =3.88 3SD =11.64 Mean + 3SD =22.33

SD – Standards deviation

To be continued....



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Observations:

Vigorousness of burning (Yes / No)	No
Material molten dripping (Yes / No)	Yes
Odor smoke (Yes / No)	Yes

Criteria for test method 1 (Chapter 10):

1. Fragments or residues of specimens that fall to the floor of the test chamber shall not continue to burn for more than an average of 2 seconds per specimen for the sample of 10 specimens.
2. The average weight loss of the 10 specimens in a sample shall be 40 percent or less.
3. No individual specimen's percent mass loss shall deviate more than 3 standard deviations from the mean for the 10 specimens.
4. When a retest is required, no individual specimen's percent mass loss in the second set of specimens shall deviate from the mean value by more than 3 standard deviations calculated for the second set.
5. When a sample does not demonstrate passing performance in accordance with all of the conditions indicated above, the material shall be recorded as having failed Test Method 1.

Statement: This declaration of conformity is only based on the result of this laboratory activity, the impact of the uncertainty of the results was not included.

Photo Appendix:



SGS authenticate the photo on original report only

*** End of Report ***



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