



Test Report

Report No.: AJFS2409011732FF

Date: OCT.12, 2024

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NO. 18 XIYUAN ROAD SHIFENG DISTRICT Tiantai ZHEJIANG, CHINA

Sample Description: ARTIFICIAL PLANTS FENCE/GREEN WALL

SGS Ref No.: NBHL2409021252SD

Style No.: MZ189001

Client Reference Information: SERIES: MZ178、MZ187、MZ188、MZ189、MZ190、MZ192

The above sample(s) 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.

Test Requested: NFPA 701:2023 Standard Methods of Fire Tests for Flame Propagation of Textiles and Films, test method 2 (Flat specimen).

Test Results: -- See attached sheet --

Conclusion:

The tested sample "as received" **passes** the test method 2 (Flat specimen) of NFPA 701:2023.

Test Period:

Sample Receiving Date : SEP.30, 2024

Test Performing Date : SEP.30, 2024 TO OCT.11, 2024

Signed for and on behalf of

SGS-CSTC Standards Technical Services Co., Ltd. Anji Branch

Echo

Echo Li

Approved Signatory

Scan to see the report



AJFS2409011732FF

Verification:
check.sgsonline.com.cn



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Test Conducted

The test was conducted in accordance with NFPA 701:2023 Standard Methods of Fire Tests for Flame Propagation of Textiles and Films, test method 2 (Flat specimen).

Test Specimen

Description	Artificial plants fence
Color	Green
Area density	About 3527 g/m ²
Product configuration	[☒] Single Layer, [☐] Multi-Layer
Size of specimen	1200 mm × 125 mm

Conditioning

Cleaning procedure: none

Prior to testing, the specimens were conditioned at 20±5°C for 24 h (Alternate: Material shrinks/distorts @ 105°C).

Test Result

Specimen No.	Char length (mm)	After flame time (s)	Burning time of portions or residues on the floor (s)
1	269	0	0
2	277	0	0
3	284	0	0
4	271	0	0
5	268	0	0
6	277	0	0
7	270	0	0
8	265	0	0
9	273	0	0
10	263	0	0

Observations:

Vigorous burning (Yes/No)	Molten droplets or debris (Yes/No)	Odor smoke (Yes/No)
No	Yes	Yes



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Performance criteria for test method 2 (Flat specimen) (Chapter 15)

- 1) 1 When any specimen continues flaming for more than 2 seconds after the test flame is removed from contact with the specimen, the material shall be recorded as having failed the test.
- 2) When the char length of any single flat specimen exceeds 435 mm, the material shall be recorded as having failed the test.
- 3) When at any time during or after the application of the test flame any portions of residues of the material being tested break or drip from the specimen and fall to the floor of the test apparatus and continue burning for more than 2 seconds after reaching the floor of the test apparatus, the material shall be recorded as having failed the test.
- 4) In the event that only one of the 10 flat specimens do not meet the criteria, five new specimens cut in the same direction as the one that failed shall be test.
- 5) If all five the new specimens meet all of the criteria, the material shall be recorded as having pass the test.

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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