



中国认可
国际互认
检测
TESTING
CNAS L4743

Test Report

Report No.: AJFS2402001375FF

Date: MAR.01, 2024

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SIJIA NEW MATERIAL (SHANGHAI) CO., LTD

SIJIA INDUSTRIAL PARK NO.8 QIUZHEN ROAD, CAOJING TOWN, JINSHAN DISTRICT, SHANGHAI, CHINA

Sample Name: PVC COATING MATERIAL

SGS Ref No.: SUZIN2402000283PL06

Product Specification: 850gsm/R9003AA

Style/Item No.: /

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:

NF P 92-507:2004 Fire safety-building-interior fitting materials-Classification according to their reaction to fire.

Test Results: -- See attached sheet --

Conclusion:

Classification: M2

Note: The classes with their corresponding fire performance are given in Annex I.

Test Period:

Sample Receiving Date : FEB.02, 2024

Test Performing Date : FEB.02, 2024 TO FEB.07, 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



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Verification:
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I. Test conducted

This test was conducted according to NF P 92-507:2004 Fire safety--building-interior fitting materials -- Classification according to their reaction, and the test methods as following:

NF P 92-503:1995 Safety against fire - Building materials – Reaction to fire tests Electrical burner test used for flexible materials.

II. Sample details

Sample description	PVC
Color	White
Area density	About 873 g/m ²
Specimen size	600mm×180mm

III. Conditioning

Prior to testing, the sample was conditioned in an atmosphere having a temperature of 23±2°C and a relative humidity of 50±5% for 7 days or until constant mass is obtained.

IV. Test results

Face, Length

During the testing, the following details are noted	1	2	3	4	Average
Hole (Yes/No)	Yes	Yes	Yes	Yes	
Applied time (s)	105	75	105	105	
Max. afterflame time after withdrawal the pilot flame (s)	11	14	15	13	13.2
Afterglow time (s)	0	0	0	0	0
Flaming molten droplets (Yes/No)	No	No	No	No	
Non-flaming molten droplets (Yes/No)	No	No	No	No	
Flaming debris (Yes/No)	No	No	No	No	
Non-flaming debris (Yes/No)	No	No	No	No	
White-hot spots with propagation effects (Yes/No)	No	No	No	No	

After testing, the following details are noted	1	2	3	4
Max. destruction length from the lower edge (mm)	49	45	38	41
Average destruction length (mm)	43.2			
Max. width of the destroyed zones between 450mm and 600mm from the test piece lower edge (mm)	0	0	0	0
Average destroyed width (mm)	0			



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Annex I, Requirements

Table 1 Resume of classification for flexible materials which thickness no more than 5mm

Test Items	Criteria of classification				
<u>Test for hot melt materials</u>		Not ignite the wadding	Not ignite the wadding	Ignite the wadding	Ignite the wadding
<u>Electrical Burner Test</u> ^{a)}	No drops	Non-flaming molten droplets	Flaming drops or debris	Non-flaming molten droplets	Flaming drops or debris
Inflammation ≤ 5s	M1	M1	M2	M4	M4
Inflammation > 5s and Average destroyed length <350 mm	M2	M2	M3	M4	M4
Inflammation > 5s and Average destroyed width <90 mm between the 450 mm and 600 mm in length	M3	M3	M4	M4	M4
<u>Flame Spread Test</u> (flame spread <2 mm/s)			M4	M4	M4

^{a)} If the materials presented a particular behaviour, the classification also need to refer to Table 3.
The details of classification M0 refer to clause 3.3 of NF P 92-507:2004.

Table 3 Resume of classification for the materials presented a particular behaviour

Test Items	Criteria of classification				
<u>Test for hot melt materials</u>		Not ignite the wadding	Not ignite the wadding	Ignite the wadding	Ignite the wadding
<u>Flame Persistence Test</u>	No drops	Non-flaming molten drops	Flaming drops or debris	Non-flaming molten drops	Flaming drops or debris
Flame persistence time≤2s	M1	M1	M2	M4	M4
Flame persistence time≤5s	M2	M2	M3	M4	M4
Flame persistence time >5s and Flame Spread <2 mm/s	M3	M3	M4	M4	M4

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.



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Photo Appendix:



SGS authenticate the photo on original report only

End of Report