TEST REPORT

Report No. :W2023-00102 Date: January 19, 2023

Applicant name	: POSTER AND PANEL, SL
Applicant address	: Carrer els Plans de la Sala 28. Pol. Ind. Plans de la Sala. 08650 Sallent (Barcelona).
Contact person	: /
Sample description	: The following sample(s) was/were submitted and identified on behalf of the client as
Item name	: LONA MESH OLYMPIA FR 340GR
Colour	: /
Style No.	: 1000*1000 9*14
Order No.	: /
Composition	: /
Other information	: /
Date received	: January 5, 2023
Test completed	: January 19, 2023
Remark	: /
Test details	: Refer to the test details requested by the applicant on next page(s).

Test Chop

浙江中天纺检测有限公司 ZHEJIANG ZHONGTIAN TEXTILE TESTING CO.,LTD. 检验检测专用章 (2)

Approved by Verified by Prepared by

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Test details requested by the applicant :

Fire behaviour(Method: DIN 4102-1:1998)

Conditioning
Prior to testing, the sample was conditioned at least 14 days to constant mass at a temperature of 23 ± 2 °C,and a relative humidity of 50 ± 6 %.

Test results
"Brandschacht" Test according to DIN 4102-1:1998

Exposed surface: The Front face

Results of "Brandschacht" Test (part 1)						
Line No.		Unit	Test Line assemblies No.			
			A	B	C	D
1	Specimen fixings according to DIN 4102 part15,table	-	1			
2	Max. flame height above lower sample edge;	cm	30			
3	Time [1)]	s	1			
	Melting/burning through					
4	Time [1)]	s	6			
	Back of specimen					
5	Flaming/glowing, Time [1)]	s	1			
6	Discolouring, Time [1)]	s	1			
	Burning droplets		Yes			
7	Begin 1)	s	1			
	Amount		4			
8	Specimen material falling off in separate droplets		/			
9	Specimen material falling off continuously		/			
	Burning parts		NO			
10	Begin 1)	s	/			
11	Parts of sample falling off separately		/			
12	Parts of sample falling off continuously		/			
13	Duration of continued combustion on mesh base (max.)	s	NO			
	Burner flame impairment by dripping/falling material		NO			
14	Time [1)]	s	/			
	Premature ending of test		/			
15	End of burning at specimen [1)]	s	/			
16	Time when test terminated (if applicable) [1)]	s	/			
	Burning after end of test		NO			
17	Duration	s	/			
18	Number of specimens		/			
19	Front of specimen		/			
20	Back of specimen		/			
21	Height of flame	cm	/			

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Results of "Brandschacht" Test (part 2)							
Line No.		Unit	Test Line assemblies No.				
			A		B	C	D
	Glowing after end of test		NO				
22	Duration	s	/				
23	Number of specimens		/				
24	Front of specimen		/				
25	Back of specimen		/				
26	Top half of specimen		/				
27	Bottom half of specimen		/				
	Residual length						
28	Single results	cm	65	75			
			73	74			
29	Average of the single results	cm	72				
	Smoke temperature						
30	Max. of average	℃	136				
31	Time [1)]	s	250				

Note: 1)time from start of testing
2) Normal Flammability Test according to DIN 4102-1 Clause 6.2
Flame application: bottom edge ignition

Specimen No.		1	2	3	4	5
Reaching the measuring mark within 20 seconds	Warp	NO	NO	NO	NO	NO
	Weft	NO	NO	NO	NO	NO

Flame application: surface ignition

Specimen No.		1	2	3	4	5
Reaching the measuring mark within 20 seconds	Warp	NO	NO	NO	NO	NO
	Weft	NO	NO	NO	NO	NO

All timings are from start of testing

Criteria for classification for Class B1 (DIN 4102-1 Clause 6.1.2)
All materials, except flooring, may be classed as B1 materials if they met,
a) Pass DIN 4102-16 "brandschacht" test if
1) The mean value for the residual length of each specimen is at least 15 cm, and no individual values are lower than 0 cm;

2) The mean effluent temperature does not exceed 200℃ in any test;

3) The requirement for the residual length of each specimen is met even where there is afterflame, afterglow, or smouldering.
b) Pass DIN 4102-1 Clause 6.2.3 Ignitability Test if,
For each specimen, flaming doesn't reach the gage mark within 20s after flame application.

Conclusion:
The tested sample meets the low flammability requirements of class B1 of building materials

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under DIN 4102-1:1998.

STATEMENTS:

This test report does not replace any mandatory certification of the product that may be required.
The test results relate to the behaviour of the test specimens of a product under the particular conditions of the test; they are not intended to be the sole criterion for assessing the potential fire and smoke hazard of the product in use.

Remark:This item is only approved by CNAS.

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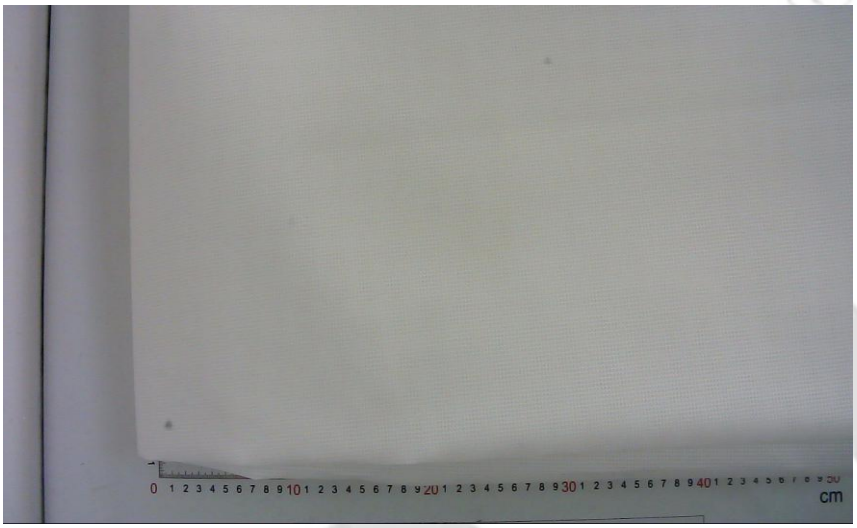
Sample Photo



***** End of Report *****