




Report No. TC.18.04.001599

Date of Issue 04/25/2018

Applicant: Haining Duletai New Material Co., Ltd

Applicant address: Rm 609, No.23 Wenli Road, Haining City, Zhejiang, PR China

Description of the test subject:

Sample	Description	Photo
001	Name: Fibreglass Roller Blind Fabric(White)	

Receipt Date of Sample: 04/09/2018

Date of Testing: From 04/09/2018 to 04/25/2018

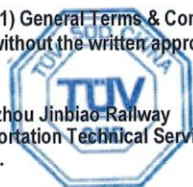
Sample submitted: The sample(s) was (were) submitted by applicant and identified.

Conclusion:

Test Items			001
No.	Items	Standard	
1	Vertical furnace combustion test	DIN 4102-1:1998 B1	Fail
2	Small flame test		

Remark: Pass=Meet Standard's Requirement
Fail= Below Standard's Requirement
* = No Specified Requirement.

Note: (1) General Terms & Conditions as mentioned overleaf,(2)The results relate only to the items tested,(3)The test report shall not be reproduced except in full without the written approval of the company. (4) Samples are tested as received.





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Test Results

DIN 4102-1:1998 Fire behaviour of building materials and elements Part 1: Classification of building materials requirements and testing

B1 requirement:

All materials, except flooring, may be classed as B1 materials if they:

- Withstand the test specified in DIN 4102-16 using the 'Brandschacht' apparatus specified in DIN 4102-15, and
- meet the requirements for class B2 materials.

B2 requirement:

This test shall be deemed passed if, for any of the five specimens tested, flaming does not reach the gauge mark within 20 seconds after flame application.

Test method:

1. DIN 4102-16 Fire behaviour of building materials and elements – 'Brandschacht' tests

Sample size	190mm*1000mm	
Parameter	Test result	Requirement
The minimum remaining length of burning (mm)	0	≥0
The average remaining length of burning (mm)	0	≥150
The maximum average flue gas temperature peaks(°C)	159	≤ 200

Conclusion: According to the test results, the submitted sample **does not comply** the requirements of DIN 4102-16 requirement.

2. DIN 53438: Response to ignition by a small flame

2.1 Sample details

Sample size	Edge ignition: 5 pieces	90mm*190mm
	Surface ignition:5 pieces	90mm*230mm

Conditioning	Temperature	Relative humidity	Duration
	23±2°C	50±5%R.H.	336 h

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2.2 Test result

Test item	No.	Whether flaming reach the gauge mark within 20 seconds after flame application(Yes/No)
Edge ignition	1	No
	2	No
	3	No
	4	No
	5	No
Surface ignition	1	No
	2	No
	3	No
	4	No
	5	No

Conclusion: According to the test results, the submitted sample does not comply the requirements of DIN 4102-1 B1.

Statement: 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 the sole criterion for assessing the potential smoke and toxicity hazard of the product in use.

Changzhou Jinbiao Railway Transportation Technical Service Co., Ltd.

Drafted by:

Lynn liu

Lynn liu

Approved by:

hui shen

Shen hui

-End of Report-

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