



Test Report

Report No. TC.25.07.003186

Date of Issue 2025-07-30



Applicant: SHAOXING YIWAY IMPORT AND EXPORT CO.,LTD.
Applicant Address: ROOM NO.1904, 19TH FLOOR OF DINGSHENG MANSION, NO.375 OF EAST SHENGLI ROAD, SHAOXING, ZHEJIANG, CHINA
Sample Description: Woven cotton P/D FR-1(300CM)
Style No.: FR-1(A02309)
End use: Used for retail or as curtains and tablecloths.
Manufacturer: JINSI GROUP HOLDING CO.,LTD
Material: 100%cotton
Export country: NETHERLANDS
Origin: CHINA
Receipt Date of Sample: Received on 2025-07-10
Date of Testing: From 2025-07-10 to 2025-07-29
Sample Submitted: The Sample(s) and Its (Their) Information(s) Was (Were) Submitted by Applicant and Identified.
Test Result: Refer to Next Page.

TÜV SÜD SW Rail Transportation Technology (Jiangsu) Co., Ltd.

Prepared by:

Shuwei Chen

Approved by:

Wayne Wang

Note:

- (1) Each order is subject to acceptance of our [General Terms and Conditions](#) and the [TÜV SÜD Testing, Certification, Validation and Verification Regulation](#), in the version valid at the time the contract is concluded. For full version of above both documents, please visit the link to view.
- (2) The results in this report are relevant only to the sample(s) tested.
- (3) The test report shall not be reproduced except in full without the written approval of the laboratory.
- (4) Disclaimer: Measurement Uncertainty:

Unless otherwise stated, the decision rule for conformity reporting is based on Binary Statement for Simple Acceptance Rule (w=0) stated in ILAC-G8:09/2019 or CNAS-G18:2022.

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Description of the test subject

Sample	Description	Picture of Sample
001	Woven cotton P/D FR-1(300CM)	

Conclusion:

Test Items		Standard	Conclusion
1	Small flame test	DIN 4102-1:1998 B1	Pass
	Vertical furnace combustion test		



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Test Results

1. DIN 4102-1:1998 Fire behaviour of building materials and elements Part 1: Classification of building materials requirements and testing-B1

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:

1.1 DIN 53438: Response to ignition by a small flame

1.1.1 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.	336h

1.1.2 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 **meets** the requirements of DIN 4102-1 B2 requirement.



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

Parameter	Test result	Requirement
The minimum remaining length of burning (mm)	740	>0
The average remaining length of burning (mm)	780	≥150
The maximum average flue gas temperature peaks (°C)	149	≤ 200

Conclusion: According to the test results, the submitted sample **meets** the requirements of DIN 4102-16 requirement.

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.

-End of Report-