

TEST REPORT

No. : SHIN2007042812SC

Date : Jul 30, 2020

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scan to see the report



SHIN2007042812SC

CUSTOMER NAME: SHAOXING BIGU TEXTILES CO., LTD.
ADDRESS: ROOM201, FLOOR2, NO.92-4 QISHENG ROAD, MASHAN STREET,
YUECHENG DISTRICT, SHAOXING, ZHEJIANG, CHINA

Sample Name : Inherent flame retardant & anti-bacterial cubicle curtain fabric
Manufacturer : SHAOXING BEGOODTEX CO.,LTD.
Other Information : Composition: 100% POLYESTER
Color: Blue

Above information and sample(s) was/were submitted and confirmed by the client. SGS, however, assumes no responsibility to verify the accuracy, adequacy and completeness of the sample information provided by client.

SGS Ref. No. : AJFS20070055600S
Date of Receipt : Jul 15, 2020
Testing Start Date : Jul 15, 2020
Testing End Date : Jul 30, 2020
Test result(s) : For further details, please refer to the following page(s)
(Unless otherwise stated the results shown in this test report refer only to the sample(s) tested)

Signed for
SGS-CSTC Standards Technical
Service (Shanghai)Co., Ltd.

Jane Deng
Authorized signatory



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1. Test Requested :

NFPA 701-2019 Standard Methods of Fire Tests for Flame Propagation of Textiles and Films Test Method 1.

General Information:

Materials:	Fabric	Weight	245 g/m ²
Refurbishing or Weathering Conditions	NO, as per client's requirement		
Conditioning	Dry at (105±3)°C, Duration: 30min		

Criteria for test method 1 (Chapter 10):

1. Fragments or residues of specimens that fall to the floor of the test chamber shall not continue to burn for more than an average of 2 seconds per specimen for the sample of 10 specimen.
2. The average weight loss of the 10 specimen in a sample shall be 40 percent or less.
3. No individual specimen's percent mass loss shall deviate more than 3 standard deviations from the mean for the 10 specimens.
4. When a retest is required, no individual specimen's percent mass loss in the second set of specimens shall deviate from the mean value by more than 3 standard deviations calculated for the second set.



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Test Results:

Specimen	Original Mass (g)	Post Mass (g)	Residues (seconds)	Mass Loss (percent)
1	15.3	14.1	0.0	7.8
2	15.5	13.6	0.0	12.3
3	15.7	14.0	0.0	10.8
4	15.6	14.1	0.0	9.6
5	15.8	13.7	0.0	13.3
6	15.2	13.9	0.0	8.6
7	15.5	14.0	0.0	9.7
8	15.8	13.8	0.0	12.7
9	15.6	13.6	0.0	12.8
10	15.5	13.8	0.0	11.0
AVG			0.0	10.9
3*STDEV			---	5.7
AVG+3STDEV			---	16.6

Conclusion: PASS. The submitted sample complied with the performance requirement of test method 1 of NFPA 701-2019.



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Test Photo:



This test method was carried out by SGS-CSTC Standards Technical Services Co., Ltd. Shunde Branch.



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2. Test Requested :Determine the antimicrobial activity of the submitted sample in 24hour

Sample Description: Fabric_

Test Method : ASTM E 2149-2013a Determining the Antimicrobial Activity of Antimicrobial Agents Under Dynamic Contact Conditions

Test Results:

Test organism: Escherichia coli ATCC 25922

	The number of bacteria recovered from "0h" contact time (CFU/mL)	The number of bacteria recovered from "24h" contact time (CFU/mL)
Sample (1g)	/	<30
Inoculum only control	1.9x10 ⁵	1.9x10 ⁶
Reduction %		>99

Test organism: Staphylococcus aureus ATCC 6538

	The number of bacteria recovered from "0h" contact time (CFU/mL)	The number of bacteria recovered from "24h" contact time (CFU/mL)
Sample (1g)	/	<30
Inoculum only control	1.7x10 ⁵	1.1x10 ⁶
Reduction %		>99



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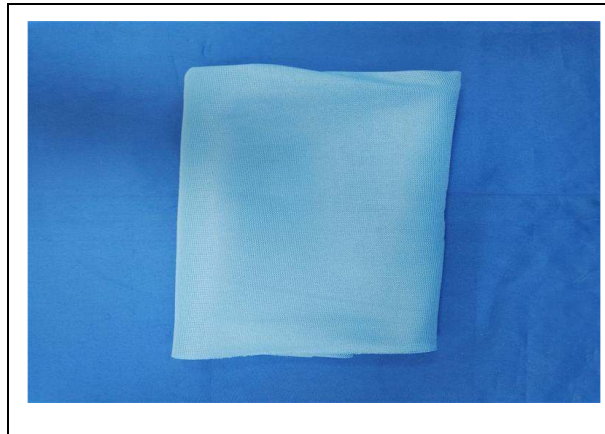
Test organism: Klebsiella pneumoniae ATCC 4352

	The number of bacteria recovered from "0h" contact time (CFU/mL)	The number of bacteria recovered from "24h" contact time (CFU/mL)
Sample (1g)	/	<30
Inoculum only control	1.9x10 ⁵	6.8x10 ⁵
Reduction %		>99

Notes :

- 1.The reduction calculations are based on values from inoculum only control.
- 2.According to client's requirement, test item Staphylococcus aureus, Klebsiella pneumoniae were tested with reference to ISO ASTM E 2149-2013a.

Sample photo:



This test method was carried out by SGS-CSTC Standards Technical Services Co., Ltd. Guangzhou Branch.

***** End of report*****



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