

Test Report

No. AJFS1910010185FF

Date: OCT.18, 2019

Page 1 of 4

ALFRESCO MANUFACTURING LTD

NO 289, QIANJIANG SOUTHWAD, LINHAI, ZHEJIANG, CHINA

The following 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. results apply to the sample as received.

Sample Description: SPONGE

SGS Ref No.: SHHL1910055258FB

Style/Item No.: /

Country of Origin: CHINA

Country of Destination: UK

Test Requested:

The Furniture and Furnishings (Fire) (Safety) Regulations 1988 S.I. No. 1324 (amended 1989, 1993 and 2010), Schedule 1, Part I, Ignitability test for foam in slab or cushion form.

As specified in above standard(s) and incorporated with using ignition source 5 of BS 5852: Part 2:1982.

Test Results: -- See attached sheet --

Conclusion: The tested Sample **Meets** the Requirements of Schedule 1 Part I in Statutory Instrument 1988 No. 1324 (Amended 1989, 1993 and 2010) the Furniture and Furnishings (Fire) (Safety) Regulations.

Test Period:

Sample Receiving Date : OCT.14, 2019

Test Performing Date : OCT.14, 2019 TO OCT.18, 2019

Signed for and on behalf of
SGS-CSTC Co., Ltd. Anji Branch



Allen Zou
Lab Manager



AJFS1910010185FF



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

No. 301, Sunlight Road, 2 Block, Sunlight Industry Zone, Anji County, Zhejiang Province, China 313300 t (86-572) 501825 f (86-572) 501829 www.sgs.com.cn
中国·浙江·安吉县阳光工业园二区阳光大道301号 邮编: 313300 t (86-572) 501825 f (86-572) 501829 e sgs.china@sgs.com

Test Conducted

The Furniture and Furnishings (Fire) (Safety) Regulations 1988 S.I. No. 1324 (amended 1989,1993 and 2010), Schedule 1, Part I, Ignitability test for foam in slab or cushion form.

Crib 5 Test (Ignition Source 5)

Conditioning

Prior to testing: The sample was conditioned at least 72 h in indoor ambient conditions and 16 h in an atmosphere having a temperature of 20±5°C and a relative humidity of 50±20%.

At time of testing: Temperature between 15°C ~ 30°C and Relative humidity between 20% ~ 70%.

Test results

The following test results relate only to the ignitability of the combination of materials under the particular condition of test. They are not intended as a means of assessing the full potential fire hazard of the materials or products in use.

(A) Progressive smouldering

Criteria of failure (Clause 4.1 of BS 5852 Part 2:1982)	1 st	2 nd
4.1 b) Any composite that product externally detectable amounts of smoke, heat or glow 60 min after ignition of the crib.	NO	NO
4.1 c) Any composite that displays escalating combustion behaviour so that it is unsafe to continue the test and requires forcible extinction.	NO	NO
4.1 d) Any composite that smoulders until it is essentially consumed within the test duration relevant to the source	NO	NO
4.1 e) Any composite that smoulders to the extremities of the specimen viz. upper or lower margins, either side or to its full thickness, within the duration of the test.	NO	NO
4.1 f) Any composite that, on the final examination, shows evidence of charring other than discolouration, more than 100 mm in any direction apart from upwards from the nearest part of the original position of the source.	NO	NO

(B) Flaming

Criteria of failure (Clause 4.2 of BS 5852 Part 2:1982)	1 st	2 nd
4.2 b) Any composite that continues to flame for more than 10 minutes after the ignition of the crib.	NO	NO
4.2 d) Any composite that displays escalating combustion behaviour so that it is unsafe to continue the test and forcible extinction is required.	NO	NO
4.2 e) Any composite that burns until it is essentially consumed within the test duration relevant to the source.	NO	NO
4.2 f) Any composite on which any flame front reaches the lower margin, either side or passes through the full thickness of the specimen within the duration of the test.	NO	NO

To be continued....



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
 No. 301, Sunlight Road, 2 Block, Sunlight Industry Zone, Anji County, Zhejiang Province, China 313300 t (86-572) 501825 f (86-572) 501829 www.sgs.com.cn
 中国·浙江·安吉县阳光工业园二区阳光大道301号 邮编:313300 t (86-572) 501825 f (86-572) 501829 e sgs.china@sgs.com

(C) Mass Loss

Criteria (Clause 5 in Schedule 1 of UK Regulations)	1 st	2 nd
If failure against the criteria of clause 4 of BS 5852: Part 2 has occurred but only by way of damage exceeding the limits defined in clause 4.1(e), 4.1(f) and 4.2(f) and provided that the resultant mass loss is less than 60g the foam passes the ignitability test.	40g	43g

Test Details:

Specimen No.		1 st	2 nd
Progressive smouldering (PS) or Flaming (F)		NO	NO
Duration of	Ignition source (min, sec)	2min23s	2min19s
	Flames (min, sec)	3min58s	3min50s
	Smoke (min, sec)	5min07s	4min45s
Extent of damage of horizontal component	Foam - Width (mm)	129	130
	Foam - Length (mm)	166	159
	Foam - Depth (mm)	64	65
Extent of damage of vertical component	Foam - Width (mm)	170	163
	Foam - Depth (mm)	70	68
Damage exceeds limits of clauses 4.1(e), 4.1(f) or 4.2(f)		NO	NO
Initial weight before test (g)		6067	6068
Final weight after test (g)		6027	6025
Resultant mass loss (g)		40	43
Reason for failure (Ref to failure code)		---	---
Final examination of progressive smouldering (9.4)		NO	NO
Comments & observations		---	---
Overall result		PASS	PASS

Statements:

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.

To be continued...



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only. Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

No. 301, Sunlight Road, 2 Block, Sunlight Industry Zone, Anji County, Zhejiang Province, China 313300 t (86-572) 501825 f (86-572) 501829 www.sgs.com.cn
 中国·浙江·安吉县阳光工业园二区阳光大道301号 邮编:313300 t (86-572) 501825 f (86-572) 501829 e sgs.china@sgs.com

Test Report

No. AJFS1910010185FF

Date: OCT.18, 2019

Page 4 of 4

Photo Appendix:

Details of sample:

Color: White

This foam sample of approximate density of 40.0 kg/m³.



SGS authenticate the photo on original report only

*** End of Report ***



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

No. 301, Sunlight Road, 2 Block, Sunlight Industry Zone, Anji County, Zhejiang Province, China 313300 t (86-572) 501825 f (86-572) 501829 www.sgs.com.cn
中国·浙江·安吉县阳光工业园二区阳光大道301号 邮编: 313300 t (86-572) 501825 f (86-572) 501829 e sgs.china@sgs.com