



TEST REPORT

No.: CZFTS26000216R01_EN

Date: Apr 10, 2026

Page 1 of 10

HEALTHCARE SC, LLC

MLILY WAY, WINNSBORO, SC 29180

Sample Description : Memory Foam Mattress
Style/Item No. : X-810-053
SKU : 810-053V00WT, 810-053V01WT, 810-053V02WT.

The above sample(s) data and information 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 arising therefrom. Results apply to the sample as received.

Sample Receiving Date : Mar 30, 2026
Testing Period : Mar 30, 2026 to Apr 01, 2026
Test Required : 1. 16 CFR Part 1633-2023 Standard for the flammability (open flame) of Mattress sets.
2. 16 CFR Part 1632, Standard for the Flammability of Mattresses and Mattress Pads, Clause 1632.4:2023 Mattress test procedure.
Test result(s) : See attached sheet

Signed for and on behalf of
SGS-CSTC Standards Technical Services (Changzhou) Co., Ltd.

Bruce Zhu

Bruce Zhu
Approved signatory



CZFTS26000216R01
Verification:
check.sgsonline.com.cn



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 <https://www.sgs.com/en/Terms-and-Conditions>. 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

SGS-CSTC Standards Technical Services (Changzhou) Co., Ltd.
Fire Technology Service Laboratory

No.3, Hehai East Road, Tianning District, Changzhou, Jiangsu, China 213017
中国·江苏·常州市天宁区河海东路3号 邮编: 213017

t (86-519) 8380 5219 www.sgsgroup.com.cn
t (86-519) 8380 5219 sgs.china@sgs.com

Test Result Summary

Test(s) Requested	Result(s)	Comments
16 CFR Part 1633-2023 Standard for the flammability (open flame) of Mattress sets.	PASS	Prototype Test
16 CFR Part 1632, Standard for the Flammability of Mattresses and Mattress Pads, Clause 1632.4:2023 Mattress test procedure.	PASS	/
For further details, please refer to the following page(s)		

1. 16 CFR Part 1633

Test Conducted:

16 CFR Part 1633-2023 Standard for the flammability (open flame) of mattress set.

Sample Information

The following data and information 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:

Product Name : Memory Foam Mattress
 Prototype Identification : 810-053
 Foam Padding : 1.5in 28D Air foam
 : 4.5in 25D PU foam
 Barrier / Interliner : FR rib fabric
 Mattress Ticking : Double jacquard fabric
 Overall Size : 38X75X6"
 Foundation : WITHOUT FOUNDATION

Conditioning

Prior to testing, the sample was conditioned at 18°C ~25°C and a relative humidity less 55% for at least 48 hours.

At time of testing: Temperature greater than 15°C and less than 27°C, and a relative humidity less than 75%.

Tested By: Gavin Xu



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 <https://www.sgs.com/en/Terms-and-Conditions>. 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

Test Procedure and Results
PROCEDURE:

The mattress was placed on a metal test frame and catch surface under the center of an open hood. The open hood and open calorimeter test room were configured in accordance with open calorimeter layout Option A as specified in 16 CFR 1633.

The ignition source was the NIST Dual Burner System constructed of stainless-steel tubing. The fuel used was commercial propane delivered at a rate of (12.9 ± 0.1) l/min to the top burner for a total time of 70 seconds and a rate of (6.6 ± 0.05) l/min to the side burner for a total time of 50 seconds.

After ignition of the burner, we monitored recorded certain properties of the test procedure. These properties are Heat Release Rate and Total Heat Release.

Photos and video were taken of the specimen during the test procedure. Please reference appendix photos for photo of representative specimens before and after testing to this standard. Sampling was monitored throughout the test at a rate of 1 second. Heat Release equipment meets and exceeds requirements by ASTM E 1590 for accuracy.

The test was conducted at the following address:

SGS-CSTC Standards Technical Services (Changzhou) Co., Ltd.

CPSC LAB ID :1388



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 <https://www.sgs.com/en/Terms-and-Conditions>. 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

TEST REPORT

No.: CZFTS26000216R01_EN

Date: Apr 10, 2026

Page 4 of 10

Specimen 1:

Test Date: Apr. 1, 2026

Data:

<u>Measurement Type</u>	<u>Maximum Value</u>	<u>Time Occurred</u>	<u>Allowed Value</u>	<u>Pass / Fail</u>
Heat Release Rate (kW)	33.8	01:00	200	PASS
Total Heat Release – First 10 Min (MJ)	2.4	---	15.0	PASS
Total heat release (Entire Test, MJ)	2.5			
Test duration	[√] 30 minutes, [] other_____			
Please reference Figure 1 and 2 for graphical representation of Heat Release Rate and Total Heat Release.				

OBSERVATIONS:

- 13:50 – Specimen was removed from conditioning room.
- 14:00 – Test was started.
- 14:02 – After the ignition source extinguished, the flame was small and spread on the mattress.
- 14:04 – Flame was self-extinguished.
- 14:30 – Test was stopped.

GRAPHICAL RESULTS:

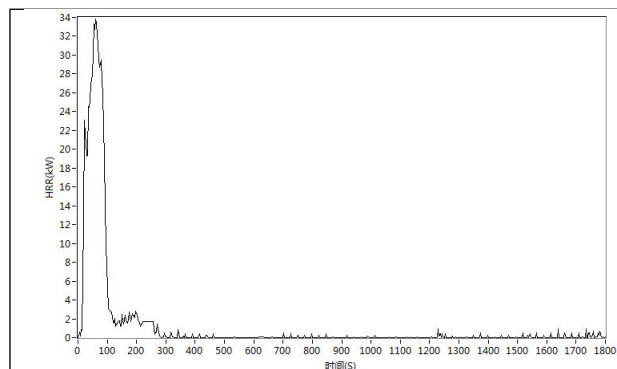


Figure 1. Heat Release Rate vs. Time Graph

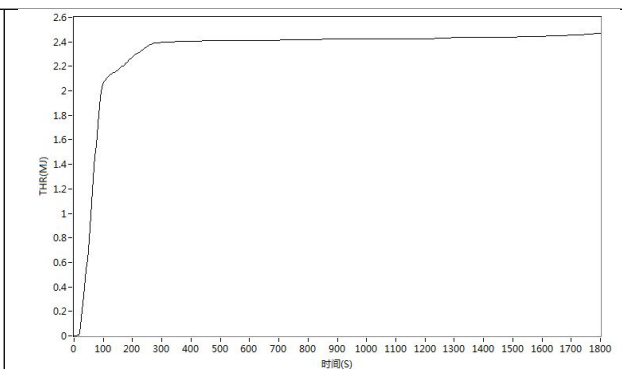


Figure 2. Total Heat Release vs. Time Graph



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 <https://www.sgs.com/en/Terms-and-Conditions>. 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

Specimen 2:

Test Date: Apr. 1, 2026

Data:

<u>Measurement Type</u>	<u>Maximum Value</u>	<u>Time Occurred</u>	<u>Allowed Value</u>	<u>Pass / Fail</u>
Heat Release Rate (kW)	30.6	00:54	200	PASS
Total Heat Release – First 10 Min (MJ)	2.3	---	15.0	PASS
Total heat release (Entire Test, MJ)	8.4			
Test duration	[√] 30 minutes, [] other_____			
Please reference Figure 3 and 4 for graphical representation of Heat Release Rate and Total Heat Release.				

OBSERVATIONS:

- 14:40 – Specimen was removed from conditioning room.
- 14:50 – Test was started.
- 14:52 – After the ignition source extinguished, the flame was small and spread on the mattress.
- 15:20 – Flame was extinguished by operator and the test was stopped.

Graphical results:

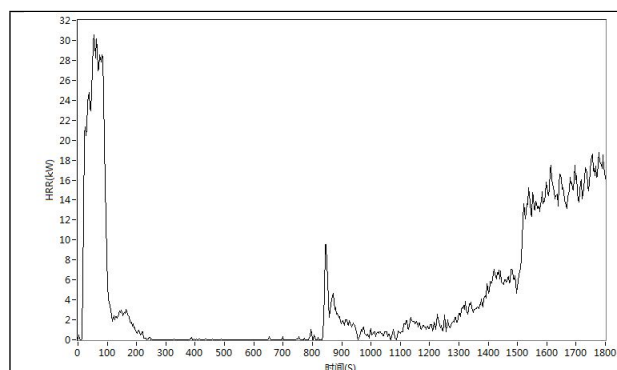


Figure 3. Heat Release Rate vs. Time Graph

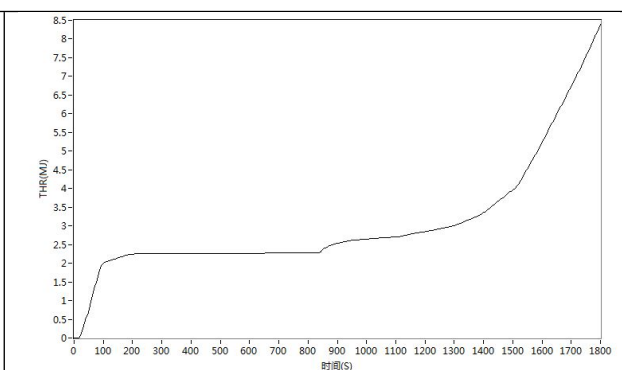


Figure 4. Total Heat Release vs. Time Graph



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 <https://www.sgs.com/en/Terms-and-Conditions>. 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

Specimen 3:

Test Date: Apr. 1, 2026

Data:

<u>Measurement Type</u>	<u>Maximum Value</u>	<u>Time Occurred</u>	<u>Allowed Value</u>	<u>Pass / Fail</u>
Heat Release Rate (kW)	29.6	00:57	200	PASS
Total Heat Release – First 10 Min (MJ)	2.1	---	15.0	PASS
Total heat release (Entire Test, MJ)	2.1			
Test duration	[√] 30 minutes, [] other_____			
Please reference Figure 5 and 6 for graphical representation of Heat Release Rate and Total Heat Release.				

OBSERVATIONS:

- 15:30 – Specimen was removed from conditioning room.
- 15:40 – Test was started.
- 15:42 – After the ignition source extinguished, the flame was small and spread on the mattress.
- 15:45 – Flame was self-extinguished.
- 16:10 – Test was stopped.

GRAPHICAL RESULTS:

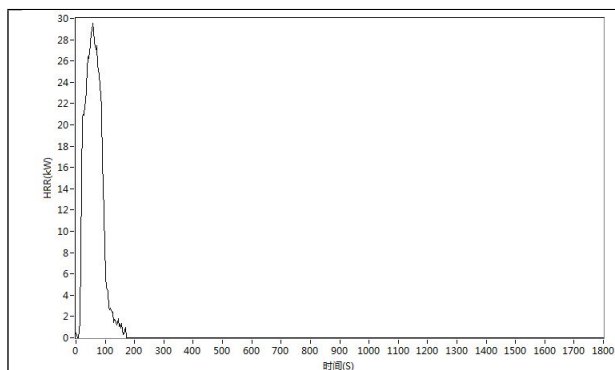


Figure 5. Heat Release Rate vs. Time Graph

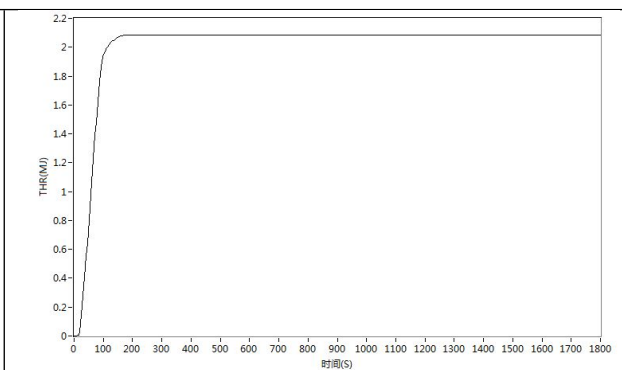


Figure 6. Total Heat Release vs. Time Graph



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 <https://www.sgs.com/en/Terms-and-Conditions>. 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

Test criteria:

- (i) The peak rate of heat release shall not exceed 200 kW at any time within the 30minute test; and
- (ii) The total heat release shall not exceed 15 MJ for the first 10 minutes of the test.

Sub-conclusion: The mattress set tested **meets** the requirements of 16 CFR 1633.

Statement: 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.

Within the territory of the People's Republic of China, this report is only used for domestic customers' scientific research, teaching, internal quality control and product R & D, and does not have the role of social certification. The test results or test reports shall not be used for improper or illegal publicity.

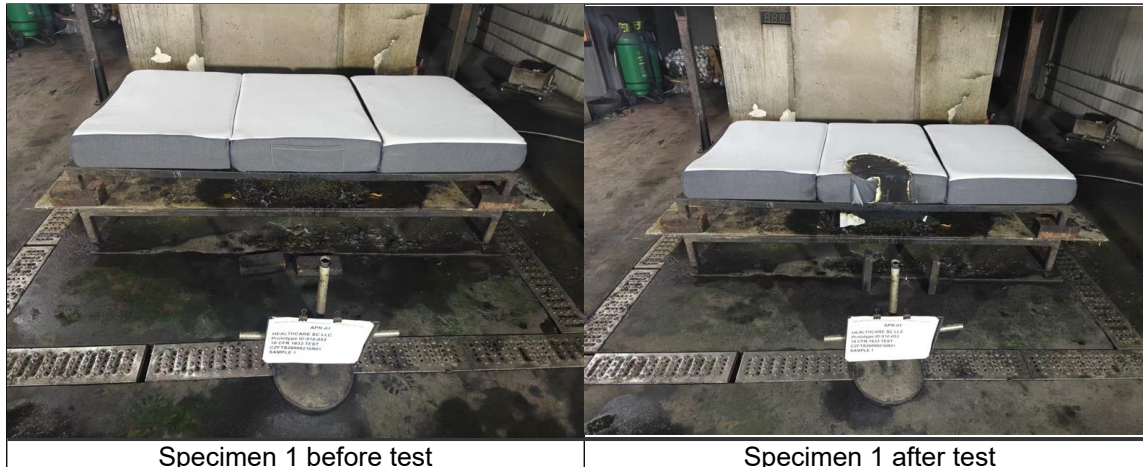
Sample acquisition method: customer sends samples by post

Test Address: No.3, Hehai East Road, Tianning District, Changzhou, Jiangsu, China

Appendix Photos (For testing details, please refer to the enclosed video):

Color: Grey and white

Sample size: 38"*75"*6"



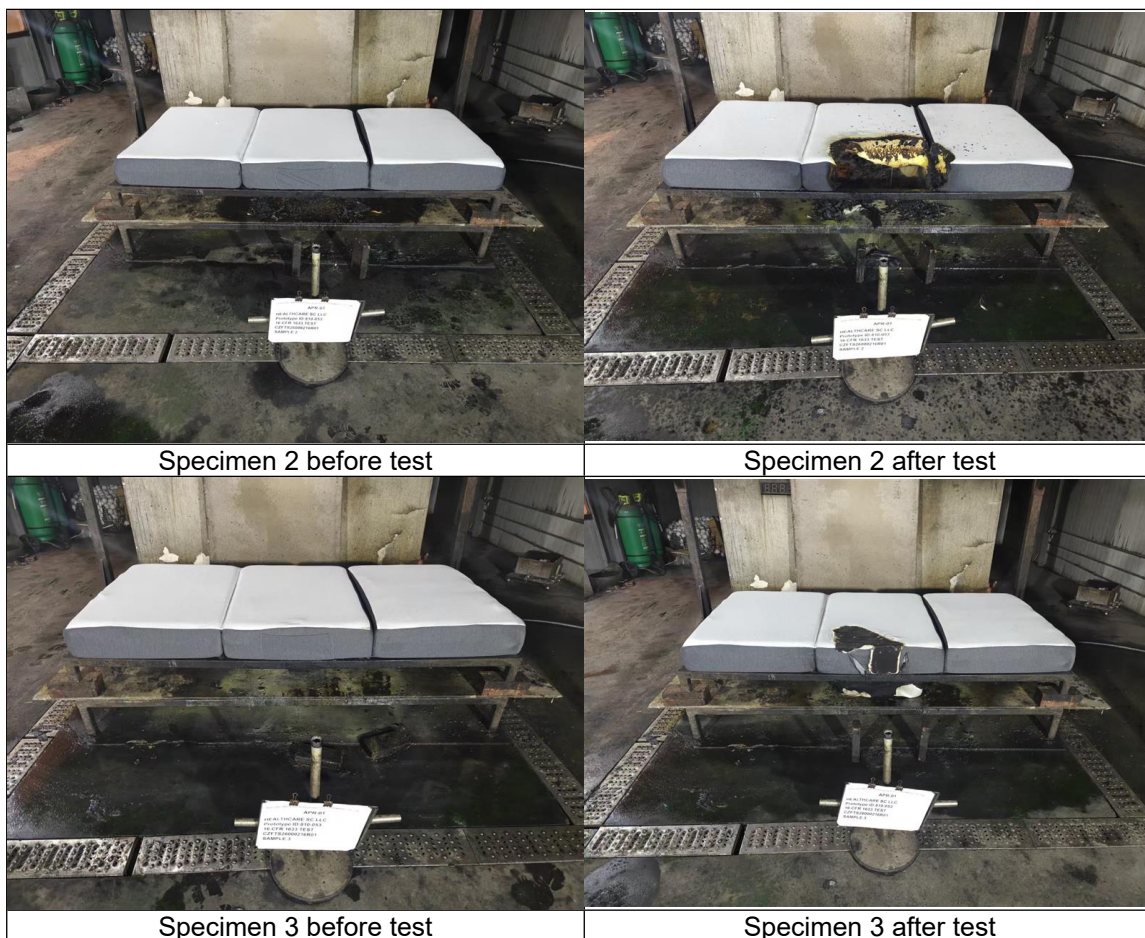
Specimen 1 before test

Specimen 1 after test



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 <https://www.sgs.com/en/Terms-and-Conditions>. 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



SGS authenticate the photo on original report only

2. 16 CFR Part 1632.4

I. Test conducted

This test was conducted accordance with 16 CFR Part 1632 - Standard for the Flammability of Mattresses and Mattress Pads (FF 4-72, AMENDED), § 1632.4:2023 Mattress test procedure.

II. Conditioning

Prior to testing the sample was, Conditioned at least 48h in an atmosphere having temperature greater than 18°C and a relative humidity less than 55%.

At time of testing: Temperature greater than 18°C and relative humidity less 55% or at least one lit cigarette shall be placed on the mattress surface within 10 minutes of removal from the conditioning room.



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 <https://www.sgs.com/en/Terms-and-Conditions>. 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

Test Results

Surface 1		Cigarette Number					Number of Relights
		1	2	3	4	5	
Bare surface test	Smooth	P	P	P	-	-	-
	Quilt/Tuft	P	P	P	-	-	-
	Tape edge	P	P	P	-	-	-
Two-sheet test	Smooth	P	P	P	-	-	-
	Quilt/Tuft	P	P	P	-	-	-
	Tape edge	P	P	P	-	-	-

Surface 2		Cigarette Number					Number of Relights
		1	2	3	4	5	
Bare surface test	Smooth	P	P	P	-	-	-
	Quilt/Tuft	P	P	P	-	-	-
	Tape edge	P	P	P	-	-	-
Two-sheet test	Smooth	P	P	P	-	-	-
	Quilt/Tuft	P	P	P	-	-	-
	Tape edge	P	P	P	-	-	-

Requirements:

- §1632.3(b): Individual cigarette test locations pass the test if the char length is not more than 2 inches (51 mm) in any direction from the nearest point of the cigarette.
- §1632.3(d): If all the cigarette test locations on all mattress surfaces yield passing results using the criterion specified in §1632.3(b), accept the mattress prototype.

Code Description:

P:	Pass, Cigarette burned to full length
R:	Pass, Cigarette self-extinguished, replaced with a fresh cigarette which burned to full length
F:	Failure

Note: All test methods and standards performed in the report are per the most current published version available.

Sub-conclusion: The mattress tested **meets** the requirements of 16 CFR 1632.4:2023.



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 <https://www.sgs.com/en/Terms-and-Conditions>. 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

TEST REPORT

No.: CZFTS26000216R01_EN

Date: Apr 10, 2026

Page 10 of 10

Statement: 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.

Within the territory of the People's Republic of China, this report is only used for domestic customers' scientific research, teaching, internal quality control and product R & D, and does not have the role of social certification. The test results or test reports shall not be used for improper or illegal publicity.

Test Address: No.3, Hehai East Road, Tianning District, Changzhou, Jiangsu, China

Photo Appendix:

Color: Grey and white

Sample size: 38"*75"*6"



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 <https://www.sgs.com/en/Terms-and-Conditions>. 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

SGS-CSTC (常州) 有限公司
Fire Technology Service Laboratory

No.3, Hehai East Road, Tianning District, Changzhou, Jiangsu, China 213017
中国·江苏·常州市天宁区河海东路3号 邮编: 213017

t (86-519) 8380 5219 www.sgsgroup.com.cn
t (86-519) 8380 5219 sgs.china@sgs.com