

Tested For: Mr. Onur Gumus
BRN Sleep Products LLC.
3771 Cameron Road
Orangeburg, SC 29115
USA

Phone:
Fax:
Mobile:
PO#:
Email: ogumus@brnbed.com

Received: 6/7/2021
Completed: 6/22/2021
Code: C
Test Report: 3-44096-0

Key Test: CFR 16 Part 1632 Mattress (Smooth) 2 S

310

Client's Identification:

Style: KLS14GH. Identification #: Klaussner 14" Gel Hybrid Mattress. (see continuation)

Test Category: Cigarette Ignition Specifier: CPSC LE 2018; V 9/18 PC: 48H SM/pm

TEST PERFORMED: CFR Title 16 Part 1632 - Standard for the Flammability of Mattresses and Mattress Pads (FF 4-72, Amended)

Ignition Source: SRM 1196a Cigarette

PRODUCT CATEGORY: Smooth Surface Mattress: With tape edge; Without tape edge

TEST SELECTION: Prototype
 Production Quality Assurance
 Experimental

MATTRESS COMPOSITE CLIENT'S IDENTIFICATION (continuation):

Covering Material (Ticking): Knitted Fabric

Fire Blocking Layer (Interliner): Cotton Fire Wadding

Filling Material (s): INSBC

Insulator Pad: Non-Woven

Core: Pocket Coil + Foam Layer

ABBREVIATIONS WHICH MAY BE USED: INSBC = Information Not Supplied By Client

Conditioning Prior to Testing: In accordance with paragraph 1632.4 --

At least 48 hours at greater than 18°C (65°F) and less than 55% RH

The results contained in this report relate only to the item(s) tested. The test report shall not be reproduced except in full, without written approval from SGS North America.

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-document.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 a maximum of 45 days only.

Tested For: Mr. Onur Gumus
 BRN Sleep Products LLC.
 3771 Cameron Road
 Orangeburg, SC 29115
 USA

Phone:
Fax:
Mobile:
PO#:
Email: ogumus@brnbed.com

Received: 6/7/2021
Completed: 6/22/2021
Code: C
Test Report: 3-44096-0

Key Test: CFR 16 Part 1632 Mattress (Smooth) 2 S

310

BRIEF DEESCRPTION OF TEST: A minimum of 18 lighted cigarettes are placed on the mattress surface. A line is drawn across the width of the mattress, dividing it into two equal sections. One of the sections is covered with a once laundered 100% cotton bed sheet. Nine lighted cigarettes are placed on the covered section. A second piece of cotton sheeting is then placed over this group of nine cigarettes to intensify the heat. The other section remains uncovered. Nine lighted cigarettes are placed on this uncovered section. In certain instances, cigarettes will self-extinguish. When this occurs, additional lighted cigarettes must be placed on the mattress. This will increase the ACTUAL number of cigarettes beyond the minimum total of 18. The test records the number of ignitions that occur at any cigarette placement location. If there is an obvious ignition, that placement location is extinguished and a "char length" measurement is not made. In certain instances, ignition is not obvious and there may be continuous burning beyond the cigarette. When this occurs, a char length measurement is made.

REMARKS: None.

RESULTS:

SURFACE #1	Cigarette Placement Location	# of Cigarette Placements	# of Obvious Ignitions	# of Chars Measuring More than 2" Beyond Cigarette
Bare (without sheets)	Edge	*	*	*
	Smooth	9	0	0
Covered (with sheets)	Edge	*	*	*
	Smooth	9	0	0
	Totals for Surface #1:	18	0	0

SURFACE #2	Cigarette Placement Location	# of Cigarette Placements	# of Obvious Ignitions	# of Chars Measuring More than 2" Beyond Cigarette
Bare (without sheets)	Edge	*	*	*
	Smooth	9	0	0
Covered (with sheets)	Edge	*	*	*
	Smooth	9	0	0
	Totals for Surface #2:	18	0	0

Note: An asterisk (*) indicates that there was no edge to support a cigarette placement.

"PD" indicates that the char penetrated to a depth of more than 2" without obvious flaming ignition.

The results contained in this report relate only to the item(s) tested. The test report shall not be reproduced except in full, without written approval from SGS North America.

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-document.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 a maximum of 45 days only.

Tested For: Mr. Onur Gumus
BRN Sleep Products LLC.
3771 Cameron Road
Orangeburg, SC 29115
USA

Phone:
Fax:
Mobile:
PO#:
Email: ogumus@brnbed.com

Received: 6/7/2021
Completed: 6/22/2021
Code: C
Test Report: 3-44096-0

Key Test: CFR 16 Part 1632 Mattress (Smooth) 2 S


310

FAILURE CRITERIA: The mattress fails the test if any obvious ignition occurs or there is a char measurement of more than 2".

CONCLUSION: Based on the reported Results and the cited Failure Criteria, the item tested:

Passes; Fails

CERTIFICATION: I certify that the above results were obtained after testing specimens in accordance with the procedures and equipment specified above.



AUTHORIZED SIGNATURE
SGS NORTH AMERICA
/jab

Jillian Guillem

Test Technician: Jillian Guillem

JUN 28 2021

Enclosure: Photos

The results contained in this report relate only to the item(s) tested. The test report shall not be reproduced except in full, without written approval from SGS North America.

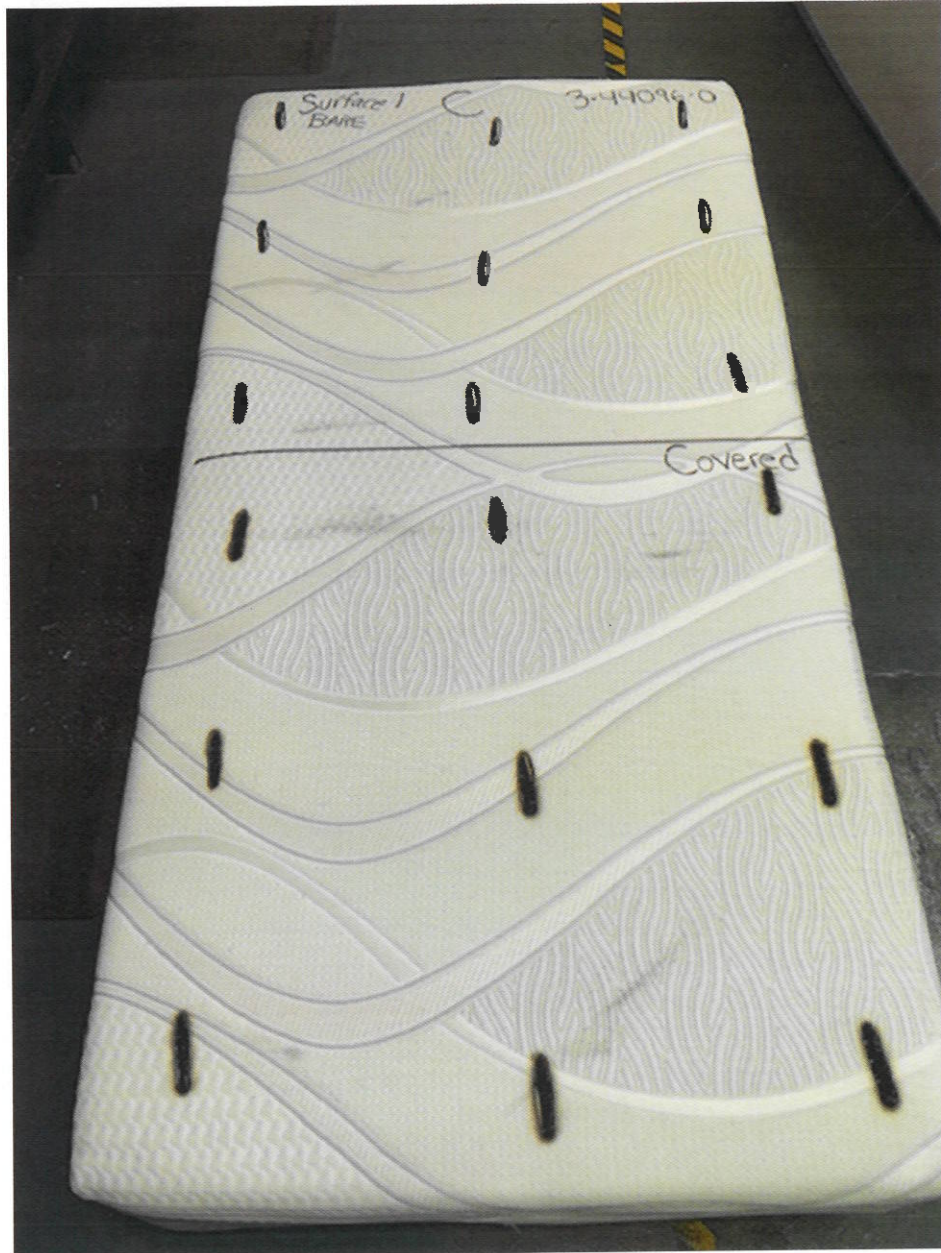
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/terms-e-document.aspx>. 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 a maximum of 45 days only.



Test Report #: 3-44096-0-C

Surface: 1

Date: 6/22/2021



SGS

Test Report #: 3-44096-0-C

Surface: 2

Date: 6/22/2021

