

## Test Report

No. SDFS2109005826FF

Date: Sep.30, 2021

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LIAN FENG BEDDING SDN BHD.

LOT 3345, JALAN KAPAR, BATU 7 3/4, KAPAR, SELANGOR DARUL EHSAN 42200 MALAYSIA

Sample Description : 10INCH POCKET SPRING MATTRESS  
 Supplier Item No. : MS-YM10TW-USSS  
 Manufacturer : LIAN FENG BEDDING SDN BHD  
 Supplier : LIAN FENG BEDDING SDN BHD  
 Country of Origin : MALAYSIA  
 Country of Destination : US  
 Other Info : MS-YM10FU-USSS / 137\*190\*27cm  
 MS-YM10QU-USSS / 152\*203\*27cm  
 MS-YM10KI-USSS / 193\*203\*27cm  
 MS-YM10TWXL-USSS / 99\*203\*27cm

The above 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.

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Sample Receiving Date : Sep.14, 2021  
 Test Performing Date : Sep.14, 2021 to Sep.28, 2021

### Test Result Summary

No.	Test(s) Requested	Result(s)	Comments
1	16 CFR 1632—Standard for the Flammability of Mattresses and Mattress Pads	PASS	/
For further details, please refer to the following page(s)			

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

Ada



Ada Liu  
 Approved signatory



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### Test Conducted:

16 CFR 1632—Standard for the Flammability of Mattresses and Mattress Pads to Combustion Which May Result from A Smoldering Cigarette

### I. 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:

Model Name	MS-YM10TW-USSS
Prototype Identification	MS-YM10
Insulation	FR fiber
Construction Type	Zero Pressure Foam and High-Density Foam
Foam Padding	Polyurethane foam
Barrier / Interliner	FR Sock
Overall Size	(99*190*27)cm
Mattress Ticking	Polyester

### II. Test Condition

Condition		Requirement	Actual
Precondition	Temperature	≥65°F (18°C)	(74±3)°F (23±2)°C
	Relative humidity	≤55%	(50±5)%
	Duration	≥48h	48h
Test condition	Temperature	≥65°F (18°C)	(74±3)°F (23±2)°C
	Relative humidity	≤55%	(50±5)%

### III. Requirements:

1. Individual cigarette requirement:

a) No obvious flaming combustion occurs.

b) The char length shall not exceed 2 inches in any direction from the nearest point of the cigarette.

2. If one or more of the cigarette location fail to meet the requirement, the mattress or mattress pad fail the test.

### IV. Test Results:

#### Flammability of Mattresses

16 CFR Part 1632.4 (FF4-72, Amended)

Surface 1	Number of Cigarettes					No. of Relights
	1	2	3	4	5	
Bare	P	P	P	-	-	0
Smooth	P	P	P	-	-	0
Tape Edge	P	P	P	-	-	0
Quilted	P	P	P	-	-	0
Tufted Area	-	-	-	-	-	-



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<b>Sheeted</b>						
Smooth	P	P	P	-	-	0
Tape Edge	P	P	P	-	-	0
Quilted	P	P	P	-	-	0
Tufted Area	-	-	-	-	-	-
<b>Surface 2</b>	<b>Number of Cigarettes</b>					<b>No. of Relights</b>
<b>Bare</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	
Smooth	P	P	P	-	-	0
Tape Edge	P	P	P	-	-	0
Quilted	P	P	P	-	-	0
Tufted Area	-	-	-	-	-	-
<b>Sheeted</b>						
Smooth	P	P	P	-	-	0
Tape Edge	P	P	P	-	-	0
Quilted	P	P	P	-	-	0
Tufted Area	-	-	-	-	-	-
<b>Code Description:</b>						
P:	Pass, Cigarette burned to full length. No obvious flaming combustion occurs. the char length did not exceed 2 inches in any direction from the nearest point of the cigarette.					
R:	Pass, Cigarette self-extinguished, replaced with a fresh cigarette which burned to full length or self-extinguished. No obvious flaming combustion occurs. the char length did not exceed 2 inches in any direction from the nearest point of the cigarette.					
F:	Failure. Obvious flaming combustion occurs or the char length exceed 2 inches in any direction from the nearest point of the cigarette.					

**Conclusion: PASS**



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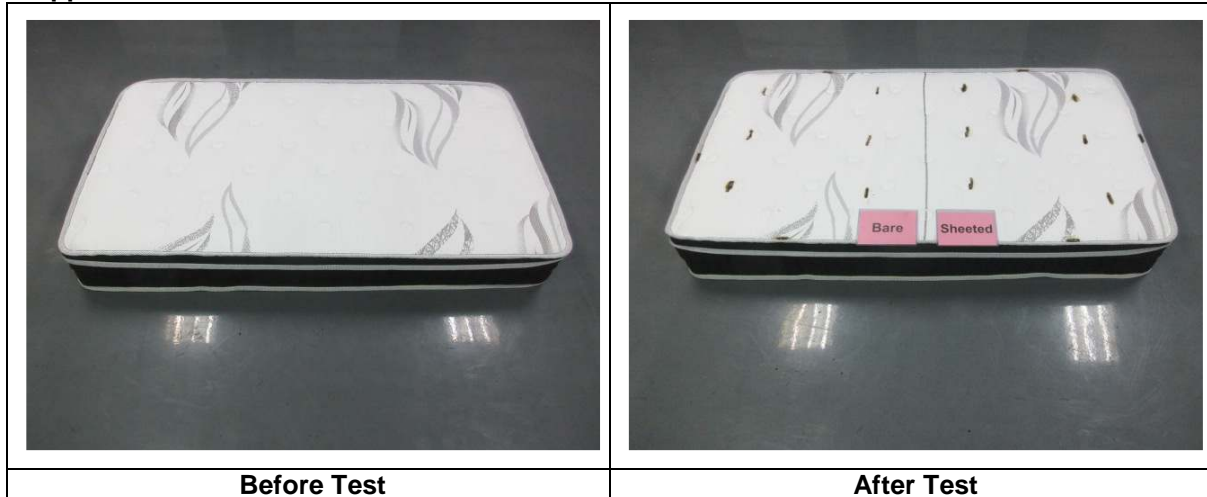
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### Photo Appendix:



Before Test

After Test

### Remark:

1.According to client's statements, the tested supplier item No. MS-YM10TW-USSS is identical to supplier item No. in other info as stated on the first page.

2.According to client's statements, the tested overall size (99\*190\*27)cm is identical to overall size in other info as stated on the first page.

\*\*\*End of Report\*\*\*



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