



中国认可  
国际互认  
检测  
TESTING  
CNAS L3428

Test Report

Date :2023-03-23

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No. : DT23010025

**Applicant (08316064)** : PT.SKT INDO FURNITURE INDUSTRIAL  
KOMPLEK UNION INDUSTRIAL PARK BLOK G.NO.3  
BATU AMPAR-BATAM, INDONESIA

**Manufacturer** : PT.SKT INDO FURNITURE INDUSTRIAL  
KOMPLEK UNION INDUSTRIAL PARK BLOK G.NO.3  
BATU AMPAR-BATAM, INDONESIA

**Description of Sample(s)** : Two (2) pieces of submitted sample(s) said to be:  
Spring Mattress  
(See the attached photo)  
Style/Item No.:SL-MT2、SL-MT3  
End Use: household  
Country of Origin: Indonesia  
Country of Destination: USA

**Date sample(s) Received** : 2023-01-03

**Date Tested** : 2023-01-03 to 2023-03-23

**Investigation(s) Requested** : Selected test(s) as detailed herein.

**Conclusion(s)** : The submitted sample(s) **complied** with the requirements of 16 CFR 1632.

Zhang Ke Yuan, Kent  
Authorized Signatory

STC (Dongguan) Company Limited

68 Fumin Nan Road, Dalang, Dongguan, Guangdong, China. Zip Code: 523770

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**TEST RESULT(S):****16 CFR 1632 – Standard for the flammability of mattress and mattress pad (FF4-72,AMENDED)****1.Sample Information**

The follow sample(s) was/were submitted and identified on behalf of the client as :

Model Name	Spring Mattress
Prototype Identification	SL-MT2 、 SL-MT3
Method of Assembly	Tuft
Specimen Composite	/
Covering Material(Ticking)	/
Foam Padding	/
Barrier/ Interliner	/
Overall Size	/

**2. Sample Conditioning :**

Condition the mattresses, mattress pads, laundered sheets or sheeting material, and loose cigarettes in air at a temperature greater than 18 °C (65 °F) and at a relative humidity less than 55 percent for at least 48 continuous hours before testing. Support the mattresses, laundered sheets or sheeting material, and cigarettes in a suitable manner to permit free movement of air around them during conditioning. Any metallic core that may be present in the mattress is not required to be exposed to the temperature and humidity requirements.

Test condition: Temperature : $(20\pm 2)^{\circ}\text{C}$  , $(68\pm 3)^{\circ}\text{F}$  ,Requirement  $\geq 18^{\circ}\text{C}$  (65 °F)Relative humidity :  $(50\pm 5)\%$  ,Requirement  $\leq 55\%$ **3. Ignition Source : NIST SRM 1196a cigarettes****4.Performance Requirements**

To meet the requirements of the Standard, **two mattresses** or **six mattress pads** must meet the following criteria stated below :

The char length on the specimen does not exceed 2.0 inches (5.1cm) from the smoldering ignition source (lighted cigarette) in any direction.

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**TEST RESULT(S):**

**5 .Test Results**

**3. Test Results**

Surface1	Number of cigarettes					No. of relights
	1	2	3	4	5	
Bare surface test						
Smooth	p	p	p	-	-	0
Quilt/Tuft	p	p	p	-	-	0
Tape Edge	p	p	p	-	-	0
Two Sheet test						
Smooth	p	p	p	-	-	0
Quilt/Tuft	p	p	p	-	-	0
Tape Edge	p	p	p	-	-	0

Surface2	Number of cigarettes					No. of relights
	1	2	3	4	5	
Bare surface test						
Smooth	p	p	p	-	-	0
Quilt/Tuft	p	p	p	-	-	0
Tape Edge	p	p	p	-	-	0
Two Sheet test						
Smooth	p	p	p	-	-	0
Quilt/Tuft	p	p	p	-	-	0
Tape Edge	p	p	p	-	-	0

<u>Code description</u>	
P	Pass, cigarette burned full length
R	Pass, cigarette self-extinguished, replaced with a fresh cigarette which burned to full length or self-extinguished
F	Failure

**Conclusion(s) : Pass of 16CFR 1632**

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**Appendix for Photos of the Submitted Sample(s)**

 <p style="text-align: center;">DT23010025</p>	
Sample 1	16 CFR Part 1632 (After the test)
	
Sample 2	16 CFR Part 1632 (After the test)

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

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