Newentor MT4-193 Dual Layer Memory Foam Mattress Topper Owner's Manual

Contents

Newentor MT4-193 Dual Layer Memory Foam Mattress Topper

Product Information

Specifications

- Product Name: Newentor Mattress Topper
- Product Specification: MT1
- Manufacturer: Newentor

Test Results

The product has undergone testing by the low hazard requirements of BS 7177:2008+A1:2011. The test results indicate that the product meets the specified performance requirements for resistance to ignition.

Test Result Summary

Test Requested	Result	Comments
Resistance to ignition of mattresses, mattress pads, divans and bed bases (BS 7177:2008+A1:2011)	PASS	Clause 5 and 6 weren’t checked.

Test Conducted

The tests were conducted by the low hazard requirements of BS 7177:2008+A1:2011. The test methods used were based on BS EN 597-1 & 2:1995 and BS 5852- Part 2:1982.

Sample Description
The sample used for testing was a mattress.

Precondition and Test Condition

Temperature	Precondition	Test Condition
25.0	Duration 24h	—

Test Results

Clause	Principle / Requirement	Result
4.1.1	The composite shall meet the levels of ignition resistance low hazard composite test. Both surfaces of the mattress or mattress pad shall be tested unless they are identical.	a) PASS b) PASS (See Annex I)
4.1.2	All filling materials, including those used in mattress pads, shall pass the relevant test: Polyurethane foam in block or cushion form shall pass the relevant test contained in Annex A.	PASS (See Annex II)
4.2	All outer covers and inner covers are intended for high or very high-hazard categories that have been chemically treated to reduce their ignitability shall be subjected to the water soaking and drying procedure specified in BS 5852:2006, Annex E prior to being conditioned.	N/A

Sampling and Frequency of Testing

A sample of each mattress, mattress pad, divan, or bed base specification (ignoring differing spring types) shall be tested at the frequency specified in Table 3. Retesting shall be carried outwhere there is any major basic alteration to a specification.

Labeling and Identification

Each mattress, upholstered mattress pad, divan, or bed base shall carry a label and identification as specified in the relevant standards.

Product Usage Instructions

Step 1: Preparing the Mattress Topper

1. Unpack the mattress topper from its packaging.
2. Allow the mattress topper to fully expand for at least 24 hours.

Step 2: Placing the Mattress Topper on the Bed

1. Remove any existing bedding from the bed.
2. Place the mattress topper on top of the mattress, ensuring it is centered and aligned.

Step 3: Securing the Mattress Topper

1. Secure the mattress topper to the mattress using the provided elastic straps or corner fasteners.
2. Adjust the straps or fasteners to ensure a snug fit.

Step 4: Adding Bedding

1. Add your preferred bedding, such as sheets, blankets, and pillows, on top of the mattress topper.
2. Make sure the bedding is evenly spread and tucked in securely.

Step 5: Maintenance and Care

To keep your mattress topper clean and in good condition, follow these guidelines:

- Regularly remove and wash the mattress topper cover according to the care instructions provided.
- Vacuum or spot clean the mattress topper as needed to remove any dirt or stains.
- Avoid exposing the mattress topper to direct sunlight for extended periods.

FAQ

- Q: How long does it take for the mattress topper to fully expand?
  A: We recommend allowing the mattress topper to fully expand for at least 24 hours after unpacking.
- Q: Can I wash the mattress topper cover?
  A: Yes, you can remove and wash the mattress topper cover according to the care instructions provided.
- Q: How should I secure the mattress topper to the mattress?
  A: The mattress topper can be secured to the mattress using the provided elastic straps or corner fasteners. Adjust them to ensure a snug fit.

Test Result Summary

No.	Test(s) Requested	Result(s)	Comments
1	Low hazard in BS 7177:2008+A1:2011 Specification for resistance to i gnition of mattresses, mattress pads, divans and bed bases	PASS	Clause 5 and 6 weren't checke d.
For further details, please refer to the following page(s)			

Test Conducted:
These tests are conducted in low hazard of BS 7177:2008+A1:2011 according to the application, the test methods are based on BS EN 597-1 & 2:1995 and BS 5852-part 2:1982.

1. Sample Description: Mattress
2. Precondition and Test Condition

	Temperature	Relative Humidity	Duration
Precondition	(23±2)℃	(50±5)%	24h
Test Condition	25.0℃	52%	—

3. Test Results

Clause	**Principle / Requirement**		**Result**
4	Performance requirements for resistance to ignition		
	4.1 Ignitability **Low hazard**		
	4.1.1	The composite shall meet the levels of ignition resistance low hazard com posite test. Both surfaces of the mattress or mattress pad shall be tested, unless they are identical. a) Smouldering cigarette as specified in BS EN 597-1:1995. b) Match flame equivalent as specified in BS EN 597-2:1995.	a) PASS b) PASS (See Annex I)
	4.1.2	All filling materials, including those used in mattress pads, shall pass the r elevant test: Polyurethane foam in block or cushion form shall pass the relevant test contained in the Annex A.	PASS(See Annex II)
	4.2	Durability of treatment All outer covers and inner covers intended for high or very high hazard ca tegories that have been chemically treated to reduce their ignitability shall be subjected to the water soaking and drying procedure specified in BS 5 852:2006, Annex E prior to being conditioned.	N/A

Clause	Principle / Requirement	Result
5	Sampling and frequency of testing A sample of each mattress, mattress pad, divan or bed base specification (ignoring differing spring types) shall be tested at the frequency specified in Table 3. Retesting shall be carried out where there is any major basic alteration to a specification.	N/P
6	Labeling And Identification Each mattress, upholstered mattress pad, divan or bed base shall carry a permanently attached and clearly readable label (see Figures 1 to 4). The size of the graphic part of the label shall be not less than 50 mm × 50 mm. The base color of the label shall be white with a blue border. The word “RESISTANT” shall appear on the border and shall be white and of a minimum height 5 mm. A smoldering cigarette symbol, flame symbol, and the ignition source number(s) shall appear in the central white area and shall be black. Information defining additional tests shall be included on the label for very high-hazard mattresses and upholstered mattress pads. The following wording shall appear on the label: “Conforms to BS 7177:2008 for domestic use (low hazard)” shall appear on the label.	N/P

Remark: N/A=Not Applicable, N/C=Not Conduct as per client’s request, N/P=Not Provided.

Test Results:

The following test results relate only to the ignitability of the sample or 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) BS EN 597-1:1995 Furniture – Assessment of the ignitability of mattresses and upholstered bed bases Part 1: Ignition source smoldering cigarette

Test Criteria	Results	
	1st	2nd
(A) Progressive Smouldering Ignition		
①Any test assembly that displays escalating smouldering combustion behaviour so that it is unsafe to continue the test and active extinction is necessary;	NO	NO
② Any test assembly that smoulders until it is largely consumed within the test duration;	NO	NO
③ Any test assembly that smoulders to its full thickness, within the duration of the test;	NO	NO
④ Any test assembly that smoulders for more than one hour;	NO	NO
⑤On final examination, show evidence of charring more than 50mm in any horizontal directi on from the nearest point of the original position of the source.	NO	NO
(B)Flaming ignition		
A flaming ignition is considered to be the occurrence of any flames initiated by a progressive smouldering source	NO	NO

Test Criteria	Results	
	1st	2nd
(C) Final examination		
Immediately after completion of the test programme on the assembly, dismantle it and exami ne it internally for progressive smouldering ignition, if this is found, extinguish the test assembly, and record an ignition and complete the test report.	No Ignition	

Test details:

Test	Ignition Position	After Placement of the Cigarette			Extent of Damage(mm)			Comments and Observations
		Progressive Smouldering Time	Flame Ceased Time	Smoking Ceased Time	Width	Length	Corner	
1st	Flat Portion	0s	0s	18min32s	4	6	3	#2
	Tape Edge	0s	0s	18min21s	5	5	3	#2
2nd	Flat Portion	0s	0s	19min04s	5	6	3	#2
	Tape Edge	0s	0s	18min58s	5	6	3	#2

Sub – Conclusion: PASS

BS EN 597-2:1995 Furniture – Assessment of the ignitability of mattresses and upholstered bed bases Part 2, Ignition source: match flame equivalent (15+1s).

Test Criteria	Test Result	
	1st	2nd
(A) Progressive Smouldering Ignition		
①Any test assembly that displays escalating smouldering combustion behaviour so that it is unsafe to continue the test and active extinction is necessary;	NO	NO
② Any test assembly that smoulders until it is largely consumed within the test duration;	NO	NO
③ Any test assembly that smoulders to its full thickness, within the duration of the test;	NO	NO
④ Any test assembly that smoulders for more than one hour;	NO	NO
⑤On final examination, show evidence of charring more than 50mm in any horizontal directi on from the nearest point of the original position of the source.	NO	NO
(B)Flaming ignition		
① Any test specimen that escalating combustion behaviour is observed so it is unsafe to co ntinue the test	NO	NO
② Any test specimen that burns until it is essentially consumed within the test duration.	NO	NO
③ Any test specimen on which any flame front reaches its extremities or passes through its f ull thickness within the duration of the test.	NO	NO
④Any test specimen that flaming continues to more than 120s after removal of the burner.	NO	NO

Test Criteria	Test Result	
	1st	2nd
(C)Final examination Immediately after completion of the test programme on the assembly, dismantle it and examine it internally for progressive smouldering ignition, if this is found, extinguish the test assembly, and record an ignition and complete the test report.	No Ignition	

Test details:

Test	Ignition	Time to Extinction after Removal of the Burner(second)		Extent of Damage(mm)			Comments and Observations
	Position	Flame Ceased time	Smoking Ceased Time	Width	Length	Depth	
1st	Flat Portion	0	5	16	18	4	#3
	Tape Edge	0	5	14	20	3	#3
2nd	Flat Portion	0	5	15	18	4	#3
	Tape Edge	0	6	16	21	3	#3

Sub – Conclusion: PASS

Filling material test as per BS 5852 Part 2: 1982

This test, specified in Annex A of BS 7177:2008+A1:2011, is based on BS 5852 part 2:1982 using ignition source 5.
To assess the ignitability of polyurethane foam in slab or cushion form used in upholstered components when subjected to ignition 5.

Sample Details:

Filling No	Materials	Density	
1	Foam	Approximately 38.7 kg/m3	
2	Foam	Approximately 33.7 kg/m3	
Specified Thickness of Specimen	(75±2) mm	Actual Thickness of Specimen	Filling 1&2: 75 mm

Precondition	Indoor Ambient Condition		72 h
Conditioning of Test Specimen and Ignition Source(s)	Temperature: 23±2 ℃;Relative Humidity: 50±5 % Duration:24 h;		
Testing Enclosure (fume cupboard / room)	24.6 ℃	RH 56 %	—

Test Results:
Filling 1:

Test Criteria	**Results**	
	1st test	**2nd test**
(A) Progressive smouldering (Clause 4.1 of BS 5852 part 2:1982)		
① Whether progressive smouldering is observed when beyond 60 minutes after ignition of the crib	NO	NO

Test Criteria	Results	
	1st test	2nd test
② Whether escalating combustion behaviour is observed so that it is unsafe to continue the test	NO	NO
③ Whether any composite smoulders until it is essentially consumed within the test duration .	NO	NO
④ Whether any composite that smoulders to the extremities the specimen viz. upper or lower margins , either side or to its full thickness within the duration of the test	NO	NO
⑤ Whether any composite on final examination shows evidence of charring more than 100mm in any direction	NO	NO
(B) Flaming (Clause 4.2 of BS 5852 part 2:1982)		
① Whether any composite that continues to flame for more than 10 minutes after the ignition of the crib	NO	NO
② Whether escalating combustion behaviour is observed so that it is unsafe to continue the test	NO	NO
③ Whether any composite is essentially consumed within the test duration	NO	NO
④ Whether any composite display that on which 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

Test Criteria	Results	
	1st test	2nd test
(C) Mass Loss (Clause 5 in Schedule 1 Part1 of UK Regulations)		
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 A ④, ⑤ and B ④ above and provided that at the resultant mass loss is less than 60g the foam passes the ignitability test.	31 g	33 g

Test Details:

Test No.		1st	2nd
Duration of	Ignition source (min, sec)	02min42s	02min44s
	Flames (min, sec)	03min18s	03min40s
	Smoke (min, sec)	08min54s	09min28s
Extent of damage of horizontal component	Foam – Width (mm)	92	96
	Foam – Length (mm)	150	154
	Foam – Depth (mm)	60	61
Extent of damage of vertical component	Foam – Length (mm)	179	182
	Foam – Depth (mm)	48	50
The initial mass of the sample composite (g)		7810	7815
The final mass of sample composite(g)		7779	7782
The final mass loss of the composite(g)		31	33
Rating, comments & observations		#7	#7

Sub – Conclusion: PASS

Filling 2:

Test Criteria	Results	
	1st test	2nd test
(A) Progressive smouldering (Clause 4.1 of BS 5852 part 2:1982)		
① Whether progressive smouldering is observed when beyond 60 minutes after ignition of the crib	NO	NO
② Whether escalating combustion behaviour is observed so that it is unsafe to continue the test	NO	NO
③ Whether any composite smoulders until it is essentially consumed within the test duration .	NO	NO
④ Whether any composite that smoulders to the extremities the specimen viz. upper or lower margins , either side or to its full thickness within the duration of the test	NO	NO
⑤ Whether any composite on final examination shows evidence of charring more than 100mm in any direction	NO	NO
(B) Flaming (Clause 4.2 of BS 5852 part 2:1982)		
① Whether any composite that continues to flame for more than 10 minutes after the ignition of the crib	NO	NO
② Whether escalating combustion behaviour is observed so that it is unsafe to continue the test	NO	NO
③ Whether any composite is essentially consumed within the test duration	NO	NO
④ Whether any composite display that on which 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

Test Criteria	Results	
	1st test	2nd test
(C) Mass Loss (Clause 5 in Schedule 1 Part1 of UK Regulations)		
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 A ④, ⑤ and B ④ above and provided that at the resultant mass loss is less than 60g the foam passes the ignitability test.	32 g	35 g

Test Details:

Test No.		1st	2nd
Duration of	Ignition source (min, sec)	02min44s	02min45s
	Flames (min, sec)	04min25s	04min41s
	Smoke (min, sec)	09min30s	09min55s
Extent of damage of horizontal component	Foam – Width (mm)	101	104
	Foam – Length (mm)	152	159
	Foam – Depth (mm)	62	64
Extent of damage of vertical component	Foam – Length (mm)	155	158
	Foam – Depth (mm)	54	57
The initial mass of the sample composite (g)		7699	7691
The final mass of sample composite(g)		7667	7656
The final mass loss of the composite(g)		32	35
Rating, comments & observations		#7	#7

Sub – Conclusion: PASS

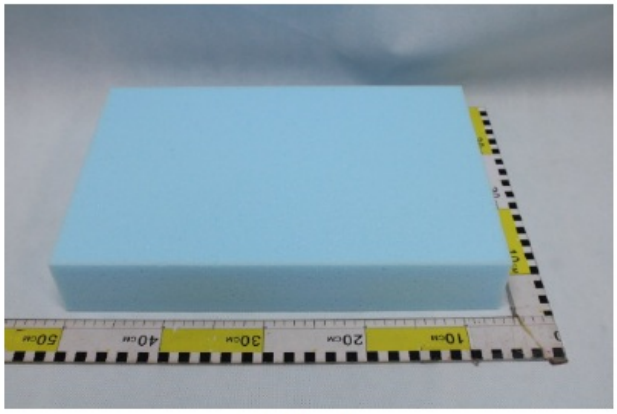
Remark: N/A— Not Applicable, N/C -Not Conduct

1. Cigarette fails to smoulder its complete length;
2. Cigarette passes to smoulder its complete length, but the sample was not ignition;
3. The sample was not ignited after removal of the burner;
4. Flaming but self-extinguishment;
5. Extinguished by operator, escalating flaming combustion;
6. The first test failed, so retest was not conducted.
7. Pass, flaming but self-extinguishment, the resultant mass loss is less than 60g;
8. Fail, flaming but self-extinguishment, the resultant mass loss is more than 60g;

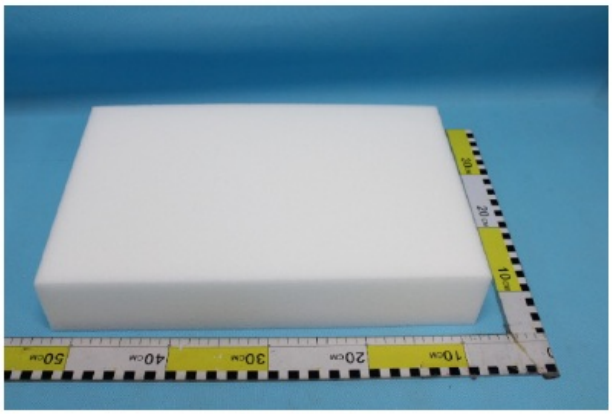
- Filling 1 of this test report is extracted from the test report number SDFS2312007898FF. The Sample Receiving Date was Dec. 11, 2023, The Performing Date was Dec. 11, 2023 to Dec. 15, 2023.
- Filling 2 of this test report is extracted from the test report number SDFS2312007899FF. The Sample Receiving Date was Dec. 11, 2023, The Performing Date was Dec. 11, 2023 to Dec. 15, 2023.

Photo Appendix

Mattress



Filling 1



Filling 2

Appendix information: The above test was carried out by Shunde Branch SGS-CSTC Co., Ltd. laboratory. In the territory of the People's Republic of China, the test report with CMA logo expresses that the test items are within the scope of China Metrology Accreditation(CMA); without CMA logo expresses that part/all of the test items are not within the scope of China Metrology Accreditation(CMA), and just for client internal reference.
End of report

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

TEST REPORT

- No. : GZIN2312004129PL01_EN
- Date : 2023-12-15
- Page: 15 of 15

CUSTOMER NAME: SHENZHENBAOANQUYIDEDANGKANGDIANZISHANGWUSHANGHANG ADDRESS: 26DONG BDONG 429, XIXIANGJIEDAO YANTIANSHEQU YINTIANGONGYEQU, BAOAN, SHENZHEN, GUANGDONG,518100, CHINA
Sample Name : Newentor Mattress Topper
Product Specification : MT1
Manufacturer : Newentor

Above information and sample(s) was/were submitted and confirmed by the client. SGS, however, assumes no responsibility to verify the accuracy, adequacy and completeness of the sample information provided by client.

Date of Receipt : 2023-12-06
Testing Period : 2023-12-06 ~ 2023-12-15
Test result(s) : For further details, please refer to the following page(s) (Unless otherwise stated the results shown in this test report refer only to the sample(s) tested)

Signed for SGS-CSTC Standards Technical Services Co., Ltd. Guangzhou Branch.
Quincey Lee
Authorized signatory

Documents / Resources

	Newentor MT4-193 Dual Layer Memory Foam Mattress Topper [pdf] Owner's Manual MT4-193 Dual Layer Memory Foam Mattress Topper, MT4-193, Dual Layer Memory Foam Mattress Topper, Layer Memory Foam Mattress Topper, Memory Foam Mattress Topper, Foam Mattress Topper, Mattress Topper, Topper

References

- User Manual