



AB 1897



TEST REPORT

8/338.1/2024

Delivery date of sample: 26/08/2024 r.*Performance date:* 27/08/2024 r.*Report release date:* 27/08/2024 r.**Order No. :** 8/338/2024**Name and address of the customer:** Dormeo UK Ltd
Wye House
376 London Road
High Wycombe
Bucks HP 11 1LH

TEST SAMPLE DESCRIPTION*	
Article name:	Dormeo Memory Plus Matt
Batch No.:	2435
Producer:	CORRECT
Additional information:	Top – 96% polyester, 3,9% - cotton, 0,1% - carbon. Bottom – 100% polypropylene.

*information in the „TEST SAMPLE INFORMATION” table was provided by the customer

Test method	Requirements	Results
EN 597 -1 : 1994 (Smouldering cigarette)	BS 7177:2008 + A1:2011 Specification for resistance to ignition of mattresses, mattress pads, divans and bed bases.	NON-IGNITION (PASS)
EN 597 -2 : 1994 (Match flame equivalent)		NON-IGNITION (PASS)

*Compiled by**Authorized by*

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The document was signed electronically

Method of delivering objects for testing and conditioning:

A representative sample for testing was collected by the client and delivered to the CORRECT Laboratory on 26/08/2024.

Before the test, the sample was conditioned for a minimum of 16 hours in environmental conditions of 23 ± 2 °C and $50 \pm 5\%$ RH

During the tests, the environmental conditions were (10-30)°C and (15-80) % RH.

CORRECT laboratory has assigned the following sample identification numbers:

- **Nr 8/338/2024/A**
- **Nr 8/338/2024/B**

**Test methods:**

- **EN 597 – 1 : 1994** Furniture – Assessment of the ignitability of mattresses and upholstered bed bases – Part 1: Ignition source smouldering cigarette
- **EN 597 – 2 : 1994** Furniture – Assessment of the ignitability of mattresses and upholstered bed bases – Part 2: Match flame equivalent

Equipment of the test stands

The following devices were used to perform the tests:

- Electronical stopwatches – PP/W/LABCR-3
- Thermohygrometer – PP/W/LABCR-11
- Anemometer – PP/W/LABCR-5
- Standardized cigarettes
- Standardized match flame equivalent
- Metric ruler – PP/W/LABCR-8, PP/W/LABCR-10

Place of testing:

CORRECT LABORATORY
Ociąż, ul. Torowa 11
Nowe Skalmierzyce 63-460
Poland

TEST RESULTS

 Sample No. : **8/338/2024/A**

Test method: EN 597-1:1994

Ignition source: Smouldering cigarette

Criteria of ignition	Upper flat surface (Top of Mattress)		Quilted seam (Top of Mattress)		Tape edge (Top of Mattress)	
	1	2	1	2	1	2
Smouldering criteria						
Unsafe escalating combustion (3.1.a)	NO	NO	NO	NO	NO	NO
Test assembly consumed (3.1.b)	NO	NO	NO	NO	NO	NO
Smoulders through thickness (3.1.c)	NO	NO	NO	NO	NO	NO
Smoulders more than 1 hour (3.1.d)	NO	NO	NO	NO	NO	NO
In final examination, more than 50 mm from source (3.1.e)	NO	NO	NO	NO	NO	NO
Flaming criteria						
Occurrence of flames (3.2)	NO	NO	NO	NO	NO	NO
Comments						
Sample flaming ceased	00'00"	00'00"	00'00"	00'00"	00'00"	00'00"
Sample glowing ceased	00'00"	00'00"	00'00"	00'00"	00'00"	00'00"
Smoke ceased	14'04"	15'26"	14'38"	15'00"	14'38"	15'09"
Dimensions of damages in mm Width/Length	14/75	14/73	16/75	15/74	12/73	12/74
Result (Ignition/Non Ignition)	Non Ignition	Non Ignition	Non Ignition	Non Ignition	Non Ignition	Non Ignition
<i>The above test results relate only to the ignitability of the combination of the materials under the particular conditions of test. They are not intended as a means of assessing the full potential fire hazard of the mattress, mattress pad or upholstered bed base in use.</i>						

Criteria of ignition	Upper flat surface (Bottom of Mattress)		Tape edge (Bottom of Mattress)		-	
	1	2	1	2	1	2
Smouldering criteria						
Unsafe escalating combustion (3.1.a)	NO	NO	NO	NO	NA	NA
Test assembly consumed (3.1.b)	NO	NO	NO	NO	NA	NA
Smoulders through thickness (3.1.c)	NO	NO	NO	NO	NA	NA
Smoulders more than 1 hour (3.1.d)	NO	NO	NO	NO	NA	NA
In final examination, more than 50 mm from source (3.1.e)	NO	NO	NO	NO	NA	NA
Flaming criteria						
Occurrence of flames (3.2)	NO	NO	NO	NO	NA	NA
Comments						
Sample flaming cased	00'00"	00'00"	00'00"	00'00"	NA	NA
Sample glowing cased	00'00"	00'00"	00'00"	00'00"	NA	NA
Smoke cased	14'49"	14'57"	14'14"	14'26"	NA	NA
Dimensions of damages in mm Width/Length	15/72	15/74	11/71	12/73	NA	NA
Result (Ignition/Non Ignition)	No Ignition	No Ignition	No Ignition	No Ignition	NA	NA
<i>The above test results relate only to the ignitability of the combination of the materials under the particular conditions of test. They are not intended as a means of assessing the full potential fire hazard of the mattress, mattress pad or upholstered bed base in use.</i>						

TEST RESULTS

Sample No. : **8/338/2024/B**

Test method: EN 597-2:1994

Ignition source: Match flame equivalent

Criteria of ignition	Upper flat surface (Top of Mattress)		Quilted seam (Top of Mattress)		Tape edge (Top of Mattress)	
	1	2	1	2	1	2
Smouldering criteria						
Unsafe escalating combustion (3.1.a)	NO	NO	NO	NO	NO	NO
Test assembly consumed (3.1.b)	NO	NO	NO	NO	NO	NO
Smoulders through thickness (3.1.c)	NO	NO	NO	NO	NO	NO
Smoulders more than 1 hour (3.1.d)	NO	NO	NO	NO	NO	NO
In final examination, more than 50 mm from source (3.1.e)	NO	NO	NO	NO	NO	NO
Flaming criteria						
Unsafe escalating combustion (3.2.a)	NO	NO	NO	NO	NO	NO
Test assembly consumed (3.2.b)	NO	NO	NO	NO	NO	NO
Burning through thickness or to the extremities (3.2.c)	NO	NO	NO	NO	NO	NO
Flaming for more than 120 seconds (3.2.d)	NO	NO	NO	NO	NO	NO
Comments						
Sample flaming ceased	00'00"	00'00"	00'00"	00'00"	00'00"	00'00"
Sample glowing ceased	00'00"	00'00"	00'00"	00'00"	00'00"	00'00"
Smoke ceased	00'02"	00'03"	00'02"	00'02"	00'01"	00'01"
Dimensions of damages in mm Width/Length	15/21	13/20	14/24	12/16	09/10	08/08
Result (Ignition/Non Ignition)	Non Ignition	Non Ignition	Non Ignition	Non Ignition	Non Ignition	Non Ignition
<i>The above test results relate only to the ignitability of the combination of the materials under the particular conditions of test. They are not intended as a means of assessing the full potential fire hazard of the mattress, mattress pad or upholstered bed base in use.</i>						

Criteria of ignition	Upper flat surface (Bottom of Mattress)		Tape edge (Bottom of Mattress)		-	
	1	2	1	2	1	2
Smouldering criteria						
Unsafe escalating combustion (3.1.a)	NO	NO	NO	NO	NA	NA
Test assembly consumed (3.1.b)	NO	NO	NO	NO	NA	NA
Smoulders through thickness (3.1.c)	NO	NO	NO	NO	NA	NA
Smoulders more than 1 hour (3.1.d)	NO	NO	NO	NO	NA	NA
In final examination, more than 50 mm from source (3.1.e)	NO	NO	NO	NO	NA	NA
Flaming criteria						
Unsafe escalating combustion (3.2.a)	NO	NO	NO	NO	NA	NA
Test assembly consumed (3.2.b)	NO	NO	NO	NO	NA	NA
Burning through thickness or to the extremities (3.2.c)	NO	NO	NO	NO	NA	NA
Flaming for more than 120 seconds (3.2.d)	NO	NO	NO	NO	NA	NA
Comments						
Sample flaming cased	00'00"	00'00"	00'00"	00'00"	NA	NA
Sample glowing cased	00'00"	00'00"	00'00"	00'00"	NA	NA
Smoke cased	00'03"	00'02"	00'02"	00'01"	NA	NA
Dimensions of damages in mm Width/Length	14/19	17/21	07/12	06/10	NA	NA
Result (Ignition/Non Ignition)	No Ignition	No Ignition	No Ignition	No Ignition	NA	NA
<i>The above test results relate only to the ignitability of the combination of the materials under the particular conditions of test. They are not intended as a means of assessing the full potential fire hazard of the mattress, mattress pad or upholstered bed base in use.</i>						

mgr inż. Karolina Piekarczyk

Performed by

Statement:

- Test results presented in this Report refer to the tested samples only.
- In the case of samples taken by the client, the Laboratory CORRECT is not responsible for the identification and representativeness of the object, method and place of collection.
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