



Test
TS EN ISO/IEC 17025
AB-0716-T

AB-0716-T

TURT250062877
_REV01

06-25

TEST REPORT

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REPORT NUMBER : TURT250062877_REVISED01
APPLICANT NAME Qab Dış Tic.Ltd.Şti.
ADDRESS Mimarsinan OSb.Mah. 19.Cad.No:9Melikgazi Kayseri / TÜRKİYE
TEL:0538 621 21 08
Attention: Uğur Akçadircı (ugur@alphabeddingco.com)
SAMPLE DESCRIPTION : One sample of kappa black mattress
DATE IN : 11 June, 2025 (15:45)
RESUBMIT DATE: 26 June,2025
DATE OUT : 18 June, 2025 / 26 June,2025
BUYER NAME Not Given
FIBER COMPOSITION : Not Given
NOTE :
1- In this revised 01 report, Sample Description were detailed by the request of the applicant
This report replaces the report no TURT250062877 dated on 18 June, 2025 and must be used instead of it.
Report no TURT250062877 dated 18 June, 2025 is invalid
2-Test method was given by the applicant.
-Pass/Fail statement for Flammability test and Ignitability of bedding items Part 1: Ignition source: smouldering cigarette were made based on test method.
PROVIDED CARE LABEL : Not Given

Demet TUĞLUAY
Customer Care Executive

Durmuş UĞURLU
Textile Laboratory Manager

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250062877_REVISED01

Test Method	Result	Requirements
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TEST	SAMPLE
Specification for resistance to ignition of mattresses, mattress pads, divans and bed bases (‡)	1 P

P = MEETS BUYER' S REQUIREMENT / F = DOES NOT MEET BUYER' S REQUIREMENT / NR = NO REQUIREMENT / SC=STILL CONTINUES / X=NOT PERFORMED / NA = NOT APPLICABLE / LS = LACK OF SAMPLE / NC = NO COMMENT / I = INCONCLUSIVE / # = SEE RESULT / NF = NEEDS FURTHER TESTING / A = ABSENT / M = MARGINAL ACCEPT / SD = SEE DETAILS ENCLOSED / FS: FURTHER STEPS / SR = SEE RESULT / MA = MINIMUM AMOUNT

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RESULTS
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Test Method	Result	Requirements
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Test Specification

Test Method: BS EN 597-1: 1995 and BS EN 597-2: 1995 as required by
BS 7177: 2008 Low Hazard + A1:2011

Ignition Source: BS EN 597-1: 1995: Filterless cigarette.
BS EN 597-2: 1995: Butane Gas flowing at 45±2ml/min @ 25°C for 15±1 seconds

Uncertainty of Measurement

The uncertainty of measurement for BS EN 597-1 has been estimated to be 2.00%
The uncertainty of measurement for BS EN 597-2 has been estimated to be 4.21%.

Conditioning

Prior to Testing: At least 16 hours in an atmosphere having a temperature of 23±2°C and a relative humidity of 50±5%

At Time of Testing: Temperature between 15°C & 30°C. Relative humidity between 15% & 80%

Pre-treatment / Durability Procedure

None

Test Method	Result	Requirements
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Test Results (Top of Mattress)

BS EN 597-1: 1995 Smouldering cigarette

Test number / position	1 (Upper surface of mattress)		2 (Upper surface of mattress)		1 (Quilted seam)		2 (Quilted seam)		1 (Upper surface of mattress)		2 (Upper surface of mattress)	
Criterion of ignition												
Smouldering Criteria												
Unsafe escalating combustion	No		No		No		No		No		No	
Test assembly consumed	No		No		No		No		No		No	
Smoulders through thickness	No		No		No		No		No		No	
Smoulders more than 1 hour	No		No		No		No		No		No	
More than 50mm from source	No		No		No		No		No		No	
Flaming criteria												
Occurrence of flames	No		No		No		No		No		No	
Comments												
Flaming ceased	-		-		-		-		-		-	
Sample glowing ceased	-		-		-		-		-		-	
Smoke ceased	< 17 Minutes		< 17 Minutes		< 18 Minutes		< 18 Minutes		< 20 Minutes		< 20 Minutes	
Extent of damage (mm) Width / Length	12	65	12	65	15	60	15	60	15	60	15	60
Result (Ignition/Non Ignition)	Non Ignition		Non Ignition		Non Ignition		Non Ignition		Non Ignition		Non Ignition	
<p><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></p>												

Test Method	Result	Requirements
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BS EN 597-2: 1995 Match Equivalent

Test number / position	1 (Upper surface of mattress)		2 (Upper surface of mattress)		1 (Quilted seam)		2 (Quilted seam)		1 (Upper surface of mattress)		2 (Upper surface of mattress)	
	Criterion of ignition											
Smouldering Criteria												
Unsafe escalating combustion	No	No	No	No	No	No	No	No	No	No	No	No
Test assembly consumed	No	No	No	No	No	No	No	No	No	No	No	No
Smoulders through thickness	No	No	No	No	No	No	No	No	No	No	No	No
Smoulders more than 1 hour	No	No	No	No	No	No	No	No	No	No	No	No
More than 50mm from source	No	No	No	No	No	No	No	No	No	No	No	No
Flaming criteria												
Test assembly consumed	No	No	No	No	No	No	No	No	No	No	No	No
Unsafe escalating combustion	No	No	No	No	No	No	No	No	No	No	No	No
Burning through thickness or to the extremities	No	No	No	No	No	No	No	No	No	No	No	No
Flaming for more than 120 seconds	No	No	No	No	No	No	No	No	No	No	No	No
Comments												
Flaming ceased	0 Seconds		0 Seconds		11 Seconds		3 Seconds		0 Seconds		1 Minute 9 Seconds	
Sample glowing ceased	-		-		-		-		-		-	
Smoke ceased	5 Seconds		5 Seconds		16 Seconds		8 Seconds		8 Seconds		1 Minute 16 Seconds	
Extent of damage (mm) Width / Length	17	63	19	13	30	15	24	15	45	17	63	20
Result (Ignition/Non Ignition)	Non Ignition		Non Ignition		Non Ignition		Non Ignition		Non Ignition		Non Ignition	
<p><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></p>												

Test Method	Result	Requirements
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Test Results (Bottom of Mattress)

BS EN 597-1: 1995 Smouldering cigarette

Test number / position	1 (Upper surface of mattress)		2 (Upper surface of mattress)		1 (Quilted seam)		2 (Quilted seam)		1 (Upper surface of mattress)		2 (Upper surface of mattress)	
Criterion of ignition												
Smouldering Criteria												
Unsafe escalating combustion	No	No	No	No	No	No	No	No	No	No	No	No
Test assembly consumed	No	No	No	No	No	No	No	No	No	No	No	No
Smoulders through thickness	No	No	No	No	No	No	No	No	No	No	No	No
Smoulders more than 1 hour	No	No	No	No	No	No	No	No	No	No	No	No
More than 50mm from source	No	No	No	No	No	No	No	No	No	No	No	No
Flaming criteria												
Occurrence of flames	No	No	No	No	No	No	No	No	No	No	No	No
Comments												
Flaming ceased	-	-	-	-	-	-	-	-	-	-	-	-
Sample glowing ceased	-	-	-	-	-	-	-	-	-	-	-	-
Smoke ceased	< 17 Minutes		< 17 Minutes		< 18 Minutes		< 18 Minutes		< 20 Minutes		< 20 Minutes	
Extent of damage (mm) Width / Length	15	65	13	65	15	65	15	65	15	67	15	70
Result (Ignition/Non Ignition)	Non Ignition		Non Ignition		Non Ignition		Non Ignition		Non Ignition		Non Ignition	
<p><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></p>												

Test Method

Result

Requirements

BS EN 597-2: 1995 Match Equivalent

Test number / position	1 (Upper surface of mattress)		2 (Upper surface of mattress)		1 (Quilted seam)		2 (Quilted seam)		1 (Upper surface of mattress)		2 (Upper surface of mattress)	
Criterion of ignition												
Smouldering Criteria												
Unsafe escalating combustion	No		No		No		No		No		No	
Test assembly consumed	No		No		No		No		No		No	
Smoulders through thickness	No		No		No		No		No		No	
Smoulders more than 1 hour	No		No		No		No		No		No	
More than 50mm from source	No		No		No		No		No		No	
Flaming criteria												
Test assembly consumed	No		No		No		No		No		No	
Unsafe escalating combustion	No		No		No		No		No		No	
Burning through thickness or to the extremities	No		No		No		No		No		No	
Flaming for more than 120 seconds	No		No		No		No		No		No	
Comments												
Flaming ceased	0 Seconds		18 Seconds		0 Seconds		0 Seconds		12 Seconds		11 Seconds	
Sample glowing ceased	-		-		-		-		-		-	
Smoke ceased	5 Seconds		23 Seconds		7 Seconds		7 Seconds		17 Seconds		18 Seconds	
Extent of damage (mm) Width / Length	18	12	20	13	25	14	26	15	33	15	30	13
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>												

Conclusions

The sample meets the requirements of BS EN 597-1:1995 (Smouldering cigarette) **PASS**

The sample meets the requirements of BS EN 597-2:1995 (Match equivalent) **PASS**

The sample meets the flammability performance requirements of BS 7177:2008+A1:2011 Low Hazard **PASS**

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Test Method	Result	Requirements
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FLAMMABILITY TEST REPORT

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The reported expanded uncertainty is based on a standard uncertainty multiplied by a coverage factor of $k = 2$, providing a level of confidence of approximately 95 %. Unless otherwise specified all compliance and pass/fail statements are binary simple acceptance based on the tolerance interval and, with the exception of graded methods, a test uncertainty ratio greater (TUR) than 4:1. For graded methods the TUR will drop to as low as 0.5:1 when the tolerance limits are within a grade division of the upper scale limit. The Uncertainty budgets are stated for each Test method, these are for reference, and should be considered when results are on or close to Specification Limits / Requirements and in such cases it should be noted that the risk of false acceptance or rejection may be as high as 50%, for further information please refer to ILAC G8.

END OF TEST REPORT