



BUTAL
MT20160016
21.01.2016

**TÜBİTAK
BURSA TEST AND ANALYSIS LABORATORY**

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TEST REPORT

Customer Name/Address : LÜKSTEK TEKSTİL / Kurtuluş Mah. Vezirli Cad. 2/A / Gürsu / BURSA

Order Date/No : 12/01/2016

Sample Description : Elit Fabric

Sample Receipt Date : 13.01.2016

Sample Delivered by: In person

Number of Pages: 3

Number of Copies: 1

Açıklama : /Remarks: Sampling and identification of the sample was done by the customer.

At the request of the customer Turkish version of the same date and numbered report was

Test results, methods and other information are given on the following pages which are part of this report.
This report and results can not be used for the purpose of advertising by the requesting client.
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The results shown in this report refer only to samples tested.
Test reports without signature and seal are not valid.



Date

21.01.2016

Person in Charge of Laboratories *Y.*

Anıl ÇETİNOĞLU

Director

Sedat AKTAŞ

Test Date: 15-19.01.2016

Sample Identification: Elit Fabric

**Furniture – Assessment of the ignitability of upholstered furniture –
Part 1: Ignition source smouldering cigarette
(EN 1021-1: 2014)**

The water soaking procedure in Annex D was carried out.

Materials tested: Test specimen over standard flammable polyurathane foam

Test Conditions	Time (h)	Temp. (°C)	Relative Humidity (%)	Air flow (m ² /s)	Volume (m ³)
Conditioning of test specimen	>24	23±2	50±5		
Conditioning of test materials and ignition sources	>24	23±2	50±5		
Testing conditions		15	50	(*)	>20

(*): It was not measured because the anemometer had been sent to calibration.

Report


The below test results relate only to the ignitability of the combination of materials under the particular conditions of test; they are not intended as a means of assessing the full potential fire hazard of the materials in use.

TEST RESULT: NON-IGNITION

	Cigarette		Comments
	1	2	
Smouldering criteria	(*)	(*)	
Unsafe escalating combustion (3.1 a)	NO	NO	In all two cases none of the criteria detailed in 3.1a-e were exceeded. 1.cigarette was burned out after 17m 54s. 2.cigarette was burned out after 18m 10s. Damage was limited to melting in the area where the cigarette had been placed.
Test assembly consumed (3.1 b)	NO	NO	
Smoulders to extremities (3.1 c)	NO	NO	
Smoulders through thickness (3.1 c)	NO	NO	
Smoulders more than 1 h (3.1 d)	NO	NO	
In final examination, presence of active smouldering (3.1 e)	NO	NO	
Flaming criteria			
Occurrence of flames (3.2)	NO	NO	In all two cases none of the criteria detailed in 3.2 were exceeded.

(*): 'YES' if criteria exceeded or 'NO' if criteria not exceeded

Testing Done by


Haver ERDOĞDU Uzm. Teknisyen

Person(s) in Charge of Testing


E. Filiz YILDIRIM Başuzman Arş.

Person Responsible for Laboratory


Nejat OGAN Uzman Arş.

Test Date: 15-19.01.2016

Sample Identification: Elit Fabric

**Furniture – Assessment of the ignitability of upholstered furniture –
Part 2: Ignition source match flame equivalent
(EN 1021-2: 2014)**

Ignition source: Match flame equivalent (by butane gas)

The water soaking procedure in Annex D was carried out.

Materials tested: Test specimen over standard flammable polyurathane foam

Test Conditions	Time (h)	Temp. (°C)	Relative Humidity (%)	Air flow (m ² /s)	Volume (m ³)
Conditioning of test specimen	>24	23±2	50±5		
Conditioning of test materials	>24	23±2	50±5		
Testing conditions		15	50	(*)	>20

(*): It was not measured because the anemometer had been sent to calibration.

Report

The below test results relate only to the ignitability of the combination of materials under the particular conditions of test; they are not intended as a means of assessing the full potential fire hazard of the materials in use.

TEST RESULT: IGNITION

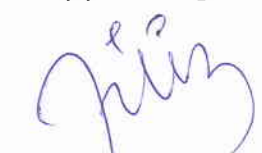
	Match flame equivalent		Comments
	1		
Smouldering criteria	(*)		
Unsafe escalating combustion (3.1a)	NO		In the case, none of the criteria detailed in 3.1a-e were exceeded.
Test assembly consumed (3.1b)	NO		
Smoulders to extremities (3.1c)	NO		
Smoulders through thickness (3.1c)	NO		
Smoulders more than 1 hour (3.1d)	NO		
In the final examination, presence of progressive smouldering (3.1e)	NO		
Flaming criteria			
Unsafe escalating combustion (3.2.a)	YES		In the case, all the criteria detailed in 3.2 were exceeded.
Test assembly consumed (3.2.b)	YES		
Flames to extremities (3.2.c)	YES		
Flames through thickness (3.2.c)	YES		
Flames longer than 120 s (3.2.d)	YES		

(*): 'YES' if criteria exceeded or 'NO' if criteria not exceeded

Testing Done by


Haver ERDOĞDU Uzm.-Teknisyen

Person(s) in Charge of Testing


E. Filiz YILDIRIM Başuzman Arşv

Person Responsible for Laboratory


Nejdett OGAN Uzman Arşv