



**EKOTEKS LABORATUVAR ve GÖZETİM
HİZMETLERİ A.Ş.**
Esenyurt Firuzköy Bulvarı No:29 34325 Avcılar
İstanbul/ TÜRKİYE

23018156

07-23

TEST REPORT
DENEY RAPORU

EKOTEKS

Customer name: KOBEFAB INTERNATIONAL B
Address: De vest 62 Valkenswaard, 5555 XP The Netherlands
Buyer name: -
Contact Person: BINI BAJRACHARYA
Order No: 10484017
Article No: TONKA FR
Name and identity of test item: One sample of gri woven fabric.
The date of receipt of test item: 17.07.2023
Re-submitted/re-confirmation date: 18.07.2023
Date of test: 21.07.2023-28.07.2023
Remarks: -
Sampling: The results given in this report belong to the received sample by vendor.
End-Use: Home Textile / Upholstery
Care Label: -
Number of pages of the report: 10

Seal

Date
02.08.2023

Customer Representative
Zahide TAPAN

Head of Testing Laboratory
Sevim A. RAZAK
02.08.2023

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REQUIRED TESTS	EVALUATION	COMMENTS
PHYSICAL PROPERTIES TESTS		
Flammability / Original / Smouldering Cigarette Test	P	
Flammability / After 1 Wash / Smouldering Cigarette Test	P	
Flammability / Original / Butane Flame Test	P	
Flammability / After 1 Wash/ Butane Flame Test	P	
P: Pass F: Fail R: Refer to retailer technologist. Test results were evaluated according to MSC.307 (88) – IMO 2010 limit values.		

REMARK: Original samples are kept for 3 months and all technical records are kept for 5 years unless otherwise specified. If requested, measurement uncertainty will be reported. But unless otherwise specified, measurement uncertainty is not considered while stating compliance with specification or limit values. The reported uncertainty is based on a standard uncertainty multiplied by a coverage factor $k=2$, providing a level of confidence of approximately 95 %. The declaration of conformity was given in accordance with the Simple Acceptance Decision Rule. Tests marked (*) in this report are not included in the accreditation schedule



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TEST RESULTS

FLAMMABILITY; RESOLUTION MSC.307(88)-IMO 2010 FTP CODE-ANNEX 1-PART
8/Ref:Resolution A.652(16)(*) – Smouldering Cigarette Test

Original

The sample has not been treated with a fire-retardant chemical. Therefore original sample was tested

Conditioning

Prior to testing: The sample was conditioned before the test for at least 16 hours in an atmosphere having a temperature of 20±5 °C and a relative humidity of 50±20 %

Test Condition : The sample was tested in an atmosphere with a temperature of 15°C to 30°C and relative humidity of 20% to 70 %.

Filling Specification

Filling Type : Non fire retardant polyurethane foam
Size : 450 x 300 x 75 mm (back) & 450 x 150 x 75 mm (seat)
Density / Hardness : 20-22 kg/m³ / Type B, 130 N

Specimen size : 800 x 650 mm (length x width)

Ignition Source : Test cigarette complying to standard

“The following 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.”

Criteria Of Failure	Test 1	Test 2
Progressive smouldering failure		
Progressive smouldering of the interior and/or cover is observed at any time within a period of 1 hour of the placement of the cigarette	NO	NO
Flaming Failure		
Any flaming of the interior and/or cover is observed at any time within a period of 1 hour of the placement of the cigarette	NO	NO
On final examination whether progressive smouldering should be observed when dismantle assembly and examine internally	NO	NO
RESULT	PASS	

O : Observed
NO : Not observed
NA : Not applicable

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Test Details

	Test 1	Test 2
Smoking ceased time (after placement of the cigarette) (min:sec)	20:41	21:36
Flame ceased time (min:sec)	-	-
Progressive smouldering time (min:sec)	-	-
Melting	O	O
Dripping	NO	NO
Charring	O	NO

“The sample tested meets the requirements of IMO 2010 FTP CODE-ANNEX 1-PART 8(The smouldering cigarette test) ”

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TEST RESULTS

FLAMMABILITY; RESOLUTION MSC.307(88)-IMO 2010 FTP CODE-ANNEX 1-PART
8/Ref:Resolution A.652(16)(*) – Smouldering Cigarette Test

After 1 Wash

The sample has not been treated with a fire-retardant chemical. Therefore original sample was tested

Conditioning

Prior to testing: The sample was conditioned before the test for at least 16 hours in an atmosphere having a temperature of 20±5 °C and a relative humidity of 50±20 %

Test Condition : The sample was tested in an atmosphere with a temperature of 15°C to 30°C and relative humidity of 20% to 70 %.

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Criteria Of Failure	Test 1	Test 2
Progressive smouldering failure		
Progressive smouldering of the interior and/or cover is observed at any time within a period of 1 hour of the placement of the cigarette	NO	NO
Flaming Failure		
Any flaming of the interior and/or cover is observed at any time within a period of 1 hour of the placement of the cigarette	NO	NO
On final examination whether progressive smouldering should be observed when dismantle assembly and examine internally	NO	NO
RESULT	PASS	

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Details

	Test 1	Test 2
Smoking ceased time (after placement of the cigarette) (min:sec)	23:36	21:44
Flame ceased time (min:sec)	-	-
Progressive smouldering time (min:sec)	-	-
Melting	O	O
Dripping	NO	NO
Charring	O	O

“The sample tested meets the requirements of IMO 2010 FTP CODE-ANNEX 1-PART 8(The smouldering cigarette test) ”

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TEST RESULTS

FLAMMABILITY; RESOLUTION MSC.307(88)-IMO 2010 FTP CODE-ANNEX 1-PART
8/Ref:Resolution A.652(16)(*) – Butane Flame Test

Original

The sample has not been treated with a fire-retardant chemical. Therefore original sample was tested

Conditioning

Prior to testing: The sample was conditioned before the test for at least 16 hours in an atmosphere having a temperature of 20 ± 5 °C and a relative humidity of 50 ± 20 %

Test Condition : The sample was tested in an atmosphere with a temperature of 15°C to 30°C and relative humidity of 20% to 70 %.

Filling Specification

Filling Type : Non fire retardant polyurethane foam
Size : 450 x 300 x 75 mm (back) & 450 x 150 x 75 mm (seat)
Density / Hardness : 20-22 kg/m³ / Type B, 130 N

Specimen size : 800 x 650 mm (length x width)

Ignition Source : Butane gas Flowing at 45 ml/min @ 25 ° C

Flame Height : 35 mm

Flame Application Time : 20 ± 1 seconds

“The following 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.”

Criteria Of Failure	Test 1	Test 2
Progressive smouldering failure		
Any progressive smouldering of the interior and/or cover after 120 seconds of the removal of the burner tube	NO	NO
Flaming Failure		
Any flaming of the interior and/or cover after 120 seconds of the removal of the burner tube	NO	NO
On final examination whether progressive smouldering is observed when dismantle assembly and examine internally	NO	NO
RESULT	PASS	

O : Observed
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	Test 1	Test 2
Duration of flaming (after removal of the burner) (min:sec)	-	-
Duration of progressive smouldering time (min:sec)	-	-

“The sample tested meets the requirements of IMO 2010 FTP CODE-ANNEX 1-PART 8 (Butane Flame Test) ”

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Flame Application Time : 20±1 seconds

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	Test 1	Test 2
Duration of flaming (after removal of the burner) (min:sec)	-	-
Duration of progressive smouldering time (min:sec)	-	-

“The sample tested meets the requirements of IMO 2010 FTP CODE-ANNEX 1-PART 8 (Butane Flame Test) ”