



EKOTEKS

**EKOTEKS LABORATUVAR ve GÖZETİM
HİZMETLERİ A.Ş.**

Esenyurt Firuzköy Bulvarı No:29 34325 Avcılar
İstanbul/ TÜRKİYE



AB-0583-T

2400005627

10.24

TEST REPORT
DENEY RAPORU

Report Nr / Revision Nr : 2400005627
Customer name : Niltar Trade Ltd
Applicant Address : 102 Rookery Court, 80 Ruckholt Road,
Mainyard Studios Office C05,
London, United Kingdom, E10 5FA
Buyer name :
Contact Person :
Sample Accepted on : 14.10.2024
Re-submitted/re-confirmation date : -
Date of test : 14.10.2024 / 18.10.2024
Fiber Composition : Claimed to be :%100 FR PES / 365 g/m² / COLOUR: FR05907
Sample Description : Grey fabric.
Order No : -
Model Number : TONIC-AFR
Previous Report No : -
Sampling : The results given in this report belong to the received sample by vendor.
End use :
Care label : -
Decision Rule :
Disclaimer Statement : -
Conformity Assessment : -

The Turkish Accreditation Agency (TÜRKAK) is signatory to the multilateral agreements of the European co-operation for the Accreditation (EA) and of the International Laboratory Accreditation (ILAC) for the Mutual recognition of test reports.

EKOTEKS LABORATUVAR ve GÖZETİM HİZMETLERİ A.Ş. accredited by TÜRKAK under registration number [AB-0583-T] for ISO 17025:2017 as test laboratory.

The test and/or measurement results, the uncertainties (if applicable) with confidence probability and test methods are given on the following pages which are part of this report.

Seal

Date
18.10.2024

Customer Representative
ZAHİDE TAPAN

Laboratory Manager
Sevim A. RAZAK
18.10.2024



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TEST RESULTS

TEST	METHOD	EVALUATION
Flammability	BS 5852-2:1982:source 5	P

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. (without considering the level of confidence and measurement uncertainty , evaluation of suitability or non-conformity based on whether the test result obtained is only within the specified limits) Tests marked (*) in this report are not included in the accreditation schedule.

Photo of the sample received



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TEST RESULTS

FLAMMABILITY; BS 5852: Part 2: 1982 – Ignition Source 5
The sample has not been treated with a fire-retardant chemical. Therefore original sample was tested

Conditioning

Prior to testing: The sample and cribs 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 : Fire retardant polyurethane foam
Size :450 x 450 x 75 mm (back) & 450 x 300 x 75 mm (seat)
Density / Hardness : 32 kg/m³ / Type B, 130 N
Specimen size : 1100 x 650 mm (length x width)
İgnition Source : Source 5 – Pine wood Crib Size 5
“The following test results relate only to the ignitability of the combination of upholstery composites 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 RESULTS

Progressive Smouldering Failure	Test 1	Test 2
4.1 (b) Any composite that produce externally detectable amounts of smoke, heat or glowing 60 minutes after ignition of the crib	NO	NO
4.1 (c) Any composite that displays escalating combustion behaviour so that it is unsafe to continue the test and requires forcible extinction	NO	NO
4.1 (d) Any composite that smoulders until it is essentially consumed within the test duration relevant to the source	NO	NO
4.1 (e) Any composite that smoulders to the extremities of the specimen viz upper or lower margins, either side or to its full thickness, within the duration of the test	NO	NO
4.1 (f) Any composite that, on final examination, shows evidence of charring other than discolouration, more than 100 mm in any direction apart from upwards from the nearest part of the original position of the source	NO	NO
Flaming Failure		
4.2 (b) Any composite that continues to flame for more than 10 minutes after the ignition of the crib	NO	NO
4.2 (d) Any composite that displays escalating combustion behaviour so that it is unsafe to continue the test and forcible requires extinction	NO	NO
4.2 (e) Any composite that burns until it is essentially consumed within the test duration relevant to the source	NO	NO
4.2 (f) Any composite on which any 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
Observations		
Time to extinction of flames after crib ignition (min:sec)	04:24	03:50
Time to extinction of glowing after crib ignition (min:sec)	01:50	02:00
Time to extinction of smoke after crib ignition (min:sec)	02:00	02:51
TEST RESULT	PASS	PASS

O: Observed

NO: Not observed

NA: Not applicable

“The fabric tested meets the requirements of BS 5852:Part 2:1982”

Total Uncertainty ± % 9,7

TEST RESULTS

TEST 1



TEST RESULTS

TEST 2

