



EKOTEKS

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

Esenyurt Firuzköy Bulvarı No:29 34325 Avcılar
İstanbul/ TÜRKİYE



Test
TS EN ISO/IEC 17025
AB-0583-T

TEST REPORT
DENEY RAPORU

AB-0583-T

23022075-
RER

10-23

Customer name: ÇEŞİT MENSUCAT A.Ş.
Address: HALKALI ASFALTI NO:193 SEFAKÖY/KÜÇÜKÇEKMECE/İSTANBUL
Buyer name: -
Contact Person: -
Order No: -
Article No: -
Name and identity of test item: One pair of Indoor/ Outdoor Adventure Park and Playground Net-% 100 Polyamide Nylon 6 (Colourful)
The date of receipt of test item: 14.09.2023
Re-submitted/re-confirmation date: -
Date of test: 14.09.2023-25.09.2023
Remarks: -
Sampling: The results given in this report belong to the received sample by vendor.
End-Use: Playgroup filet
Care Label: Not specified.

Number of pages of the report: 4

The Turkish Accreditation Agency (TURKAK) 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
10.09.2023

Customer Representative
Zahide TAPAN

Head of Testing Laboratory
Sevim A. RAZAK
10.09.2023

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REQUIRED TESTS	RESULTS	COMMENTS
ECOLOGICAL TESTS		
Safety of Toys – Part 3: Migration of Certain Elements	P	
PHYSICAL PROPERTIES TESTS		
Safety of Toys – Part 2: Flammability	P	

P:Pass

F: Fail

R: Refer to retailer technologist

The test results were evaluated according to the harmonized standards of the Toy Safety Regulation (04.10.2016 Official Gazette: 29847) and the Regulation (EN 71-2/ EN 71-3).

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.



Gen.f136-2/04

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The report issued on 25.09.2023 the report number 23022075 was withdrawn and replaced with the report 23022075-RER issued on 02.10.2023 as the vendor request to deleted Article no information and Name and identity of test item information changed.

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TEST RESULTS

MIGRATION OF CERTAIN ELEMENTS; TS EN 71-Part 3: 2019+A1: 2021

Sample is extracted in HCl at 37°C for 2 hours.

Sample extract is filtrated, then measured by using ICP/MS.

	<u>RESULT</u>		<u>REQUIREMENT(?)</u>
Aluminium (Al)	51,61 mg/kg	<	28130 mg/kg
Antimony (Sb)	N.D ⁽¹⁾	<	560 mg/kg
Arsenic (As)	N.D ⁽¹⁾	<	47 mg/kg
Barium (Ba)	N.D ⁽¹⁾	<	18750 mg/kg
Boron (B)	N.D ⁽¹⁾	<	15000 mg/kg
Cadmium (Cd)	N.D ⁽¹⁾	<	17 mg/kg
Chromium(III) (Cr III)	N.D ⁽¹⁾	<	460 mg/kg
Chromium(VI) (Cr VI)	N.D ⁽¹⁾	<	0,053 mg/kg
Cobalt (Co)	N.D ⁽¹⁾	<	130 mg/kg
Copper (Cu)	N.D ⁽¹⁾	<	7700 mg/kg
Lead (Pb)	N.D ⁽¹⁾	<	23 mg/kg
Manganese (Mn)	N.D ⁽¹⁾	<	15000 mg/kg
Mercury (Hg)	N.D ⁽¹⁾	<	94 mg/kg
Nickel (Ni)	N.D ⁽¹⁾	<	930 mg/kg
Selenium (Se)	N.D ⁽¹⁾	<	460 mg/kg
Strontium (Sr)	N.D ⁽¹⁾	<	56000 mg/kg
Tin (Sn)	N.D ⁽¹⁾	<	180000 mg/kg
Organic Tin (Sn)	N.D ⁽¹⁾	<	12 mg/kg
Zinc (Zn)	N.D ⁽¹⁾	<	46000 mg/kg

Component Name	MIGRATION OF CERTAIN ELEMENTS	<u>REQUIREMENT</u>
Play group file	Aluminium: 51,6 mg/kg Others: N.D ⁽¹⁾	PASS

N.D⁽¹⁾: Not Detected.

REQUIREMENT (?) :Result was evaluated according to category 3.

Total uncertainty: 20,4%

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TEST RESULTS

SAFETY OF TOYS-PART 2: FLAMMABILITY: BS EN 71-2:2020

Applied cleaning procedure	It is immersed in water at about 20°C for 10 minutes, the water is filtered. This process is repeated 2 times.
Conditioning	65±5 % RH,20±5°C/ At least 7 hours
Test atmosphere	10°C-30 / 15-80 % RH, 0.2 m/sec airflow test cabinet

<u>Subclause</u>	<u>REQUIREMENT</u>	<u>PART</u>	<u>REQUIREMENT</u>
4			
4.1	General Requirement		P
4.2	Toys to be worn on the head		
4.2.2	Beards, moustaches, wigs, etc., made from hair, pile or material with similar features (e.g. free hanging ribbons, paper, cloth strands or other flowing elements), which protrude 50 mm or more from the surface of the toy		NA
4.2.3	Beards, moustaches, wigs, etc., made from hair, pile or material with similar features (e.g. free hanging ribbons, paper, cloth strands or other flowing elements), which protrude less than 50 mm from the surface of the toy		NA
4.2.4	Full or partial moulded head masks		NA
4.2.5	Flowing elements of toys to be worn on the head (except those covered by 4.2.2 and 4.2.3), hoods, head-dresses, etc. and masks not covered by 4.2.4 which partially or fully cover the head (e.g.fabric and cardboard masks, eye masks, face masks), but excluding those items covered by 4.3		NA
4.3	Toy disguise costumes and toys intended to be worn by a child in play		NA
4.4	Toys intended to be entered by a child		NA
4.5	Soft-filled toys		NA

Note: P = Pass F = Fail NA = Not Applicable NR = Not Required

Total uncertainty: ± 0,05%