

	<p align="center"> <b>TURKISH STANDARDS INSTITUTION HEADSHIP OF TEST and CALI BRATION CENTER</b>  <b>Construction Materials Fire and Acoustics Laboratory Directorate</b>  Aydınlı Mahallesi Ulus Sokak No:7/1 34953 Tuzla / İSTANBUL  Tel: +90 (216) 560 05 27-28 Fax: +90 (216) 560 05 65  E-posta: yalitim@tse.org.tr  www.tse.org.tr </p> <p align="center"><b>TEST REPORT</b></p>	  <p> AB-0001-T  537507  07-20 </p>
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Requesting/Customer (Name, Address, City etc.)  Order Date / No  Sample Descriptions, Type, Model, etc.)  Test Item Receipt Date  Date of Test  Applied Standard/Method  Number of pages of the report  Remarks	YÜCEL BAHÇE MOBİLYALARI SAN. VE TİC A Ş (YÜCEL BAHÇE MOBİLYALARI SAN VE TİC. A.Ş : 5 OSB 83528 No.lu Cad. (göksuncuk mevkii) No: 4/1 Şehitkamil —GAZİANTEP)  24.06.2020 / 414114  604728, FIXED SPACE PLASTIC STADIUM SEAT, 1 set  24 06 2020  09 07.2020-09.07.2020  TS EN 13501-1: 2019-12 Construction products and construction elements, fire classification part 1: Classification using data obtained from fire behavior tests  3  
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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.


The sample was taken by the customer and the results in this report are valid for the status of the sample being received. This report has been prepared in accordance with the request for special tests and is not qualified as a Certificate of Conformity to Standards It does not represent the party, does not constitute a basis for Market Surveillance and Audit Activities, and cannot be used in announcement, advertisements and tenders in contradiction with the provisions of unfair competition in Articles 54 and 55 of the Turkish Commercial Law No 6102 TSE cannot be held responsible in case of violation of these issues in legal and criminal terms

Seal Date	Person in charge of test		Approval
09/07/2020	MELİKE ATAĞOL Testing Expert [Signature]		Sencer Güven Laboratory Manager [Signature]

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LAB-D-FR-36/H 06.2020-6



	HEADSHIP OF TSE TEST and CALIBRATION CENTER CONSTRUCTION MATERIALS FIRE and ACOUSTICS LAB. TEST RESULTS	AB-0001-T 537507 07-20
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## REACTION TO FIRE CLASSIFICATION

### 1. Introduction

This report includes the fire response classification elements of the "Fixed back plastic stadium seat" product, which is evaluated in accordance with the descriptions and descriptions presented in the TS EN 13501-1+A1:2013 standard.



SPONSOR	YÜCEL BAHÇE MOBİLYALARI SAN. VE TİC. A.Ş.
(Name&Address)	5. ORG. SAN. BÖL. 83528 NOLU CAD. NO:4/I ŞEHİTKAMİL/GAZİANTEP
PRODUCER	YÜCEL BAHÇE MOBİLYALARI SAN. VE TİC. A.Ş.
(Name&Address)	5. ORG. SAN. BÖL. 83528 NOLU CAD. NO:4/I ŞEHİTKAMİL/GAZİANTEP
REPORT PREPARED BY	TSE Construction Materials Fire and Acoustics Laboratory Directorate
CLASSIFICATION REPORT NO.	537507
RELEASE DATE	9.07.2020
PUBLICATION NUMBER	1/1

This classification report consists of 4 pages and may only be used or reproduced in its entirety.

### 2. Classified Product Details

#### 2.1. General

The classified product is defined as a fixed-back plastic stadium seat.

#### 2.2. Product description


General Description of the Product

Plastic stadium seat with fixed backrest

Distinctive and application-specific features	
Thickness	2,54 mm
Mass per unit area	2,17 kg/m <sup>2</sup>
Intensity	725,70 kg/m <sup>3</sup> - 981,83 kg/m <sup>3</sup>
Colour	Grey
Surface	Smooth

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### 3. Test Reports and Results Supporting Classification

#### 3.1. Reports

The following test reports are the basis for determining this classification.

Lab	Sponsor	Test Report Reference Number	Test Method
HEADSHIP OF TSE TEST and CALIBRATION CENTER CONSTRUCTION MATERIALS FIRE and ACOUSTICS LAB	YÜCEL BAHÇE MOBİLYALARI SAN. VE TİC. A.Ş.	537503 07-20	TS EN ISO 11925-2: 2011-04

#### 3.2. Results

The test results presented in the reports stated in Article 3.1 and the classification criteria specified for class E in the TS EN 13501-1+A1:2019 standard are shown in the table below.

Test Method	Parameter	Experiment Number	Test Results and Evaluation	
			Mean of continuous variables	Non-continuous variables
TS EN ISO 11925-2 (15 s surface application)	Fs <150 mm within 20 s	6	(-)	No flaming exceeding 150 mm
	No burning on filter paper		(-)	no burning

(-) Not applicable.

### 4. Classification and Direct Application Area

Declared reaction to fire class: E

#### 4.1. Classification Reference

This classification was made according to article 11.3 of the TS EN 13501-1 + A1: 2019 standard.

#### 4.2. Classification

The class of the "fixed back plastic stadium seat" product, determined depending on its behavior against fire:  
E

Fire Behavior	Smoke Formation	Flaming Droplets
E	No classification	No classification
<b>REACTION TO FIRE CLASS:E</b>		

#### 4.3. Application area

This classification is valid for products produced with the same formulation, the same type, the same name and whose details are specified in Article 2, within the scope of the following end applications.




### 5. Limitations

When the TS EN 13501-1 + A1: 2013 standard was published, there was no decision regarding the validity period of the classification report.

End of classification report.

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	<p>TEST REPORT</p>	<p>AB-0001-T</p> <p>537507</p> <p>07-20</p>

Requesting/Customer (Name, Address, City etc.)	YÜCEL BAHÇE MOBİLYALARI SAN. VE TİC A.Ş. (YÜCEL BAHÇE MOBİLYALARI SAN VE TİC. A.Ş. : 5 OSB 83528 No.lu Cad. (göksuncuk mevkii) No: 4/1 Şehitkamil —GAZİANTEP)
Order Date / No	24.06.2020 / 414114
Sample Descriptions, Type, Model, etc.)	604728, FIXED SPACE PLASTIC STADIUM SEAT, 1 set
Test Item Receipt Date	24 06 2020
Date of Test	89 07.2020-08.07.2020
Applied Standard/Method	TS EN ISO 11925-2: 2011-04 Fire resistance tests Flammability when exposed to direct flame - Part 2: Test 2 with single flame source
Number of pages of the report	2
Remarks	

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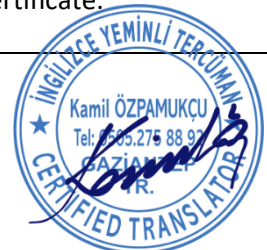
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09/07/2020	MELİKE ATAKOL Testing Expert [Signature]		Sencer Güven Laboratory Manager [Signature]

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TS EN ISO 11925-2:2011-04 Flammability when directly exposed to flame - Test with single flame source

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PRODUCER (Name&Address)	YÜCEL BAHÇE MOBİLYALARI SAN. VE TİC. A.Ş. 5. ORG. SAN. BÖL. 83528 NOLU CAD. NO:4/1 ŞEHİTKAMİL/GAZİANTEP

#### Sample Details

Conditioning Start Date	24.06.2020
Experiment Date	8.07.2020
General Description of the Product	Plastic stadium seat with fixed backrest

#### Distinctive and application-specific features

Thickness	2.54mm
Mass per unit area	2.17kg/m <sup>2</sup>
Intensity	853.77 kg/m <sup>3</sup>
Colour	Grey
Surface	Smooth

#### Sampling and Preparation

The samples were cut and sent by the company in dimensions suitable for the experiment (25x9cm).

#### Conditioning

TS EN 13238:2010-03 Article 4.3 fixed period. The samples were conditioned and tested in an environment of (23±2) °C temperature and (50±5)% relative humidity for 14 days.

#### Deviation from Test Method

There was no deviation from the test method.

#### Experiment results

Flame application method and	Application from the surface (15 s)					
Production direction	There is no difference in terms of product performance depending on the					
Sample No.	1	2	3	4	5	6
Ignition status	No	No	No	No	No	No
Status of flame reaching ISO mm	No	No	No	No	No	No
Burning on filter paper	No	No	No	No	No	No
Other observations	Flaming drops were not observed.					

This test result relates to the behavior of a test sample of a product under the specific conditions in which the test is applied; It is not a sufficient criterion on its own to evaluate the potential fire hazard of a product under real use conditions.

End of test report

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