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**TSE DENEY ve KALİBRASYON MERKEZİ BAŞKANLIĞI**  
**Elektroteknik ve Kimya Laboratuvarları Grup Başkanlığı**  
**Elektroteknik Laboratuvarı Gebze Müdürlüğü**

Adres: TSE Kalite Kampüsü Cumhuriyet Mah. 2258 Sk. No: 10 H-Blok, Çayırova Tren İstasyonu Yanı Gebze/ KOCAELİ  
Tel: +90 (262) 723 1506 Fax: +90 (262) 723 16 20 E-posta: elektrotekniklab@tse.org.tr Web: www.tse.org.tr

HEADSHIP OF TSE TEST and CALIBRATION CENTER  
ELECTROTECHNICAL LABORATORY (GEBZE)

Address: TSE Kalite Kampüsü Cumhuriyet Mah. 2258 Sk. No: 10 H-Blok, Çayırova Tren İstasyonu Yanı Gebze/ KOCAELİ  
Tel: +90 (262) 723 1506 Fax: +90 (262) 723 16 20 E-mail: elektrotekniklab@tse.org.tr Web: www.tse.org.tr



Test  
TS EN ISO/IEC 17025  
AB-0001-T

AB-0001-T

344407

05-17

**MUAYENE VE DENEY RAPORU**  
**TEST REPORT**

**Deneysel Talep Eden**

: ETK KABLO SAN.VE.TİC.A.Ş.

(Adı, Adresi, Şehir vb.)

Customer (Name, Address, City etc.)

OSMANGAZİ MAH. BİLALİ HABEŞİ CAD. MÜSTESNA SOKAK NO: 37  
SAMANDIRA Sancaktepe-İSTANBUL)

**Deneysel Talep Tarihi/No**

: 09.05.2017 / 178242

Order Date / No

**Numunenin Tanımı**

: KABLO, ETK, CAT 5e LSZH F/UTP, -, -, 2,00 metre

(Cins, Marka, Tip, Tür, Model vb.)

Sample Description (Type, Mark, Model etc.)

CABLE, ETK, CAT 5e LSZH F/UTP, 2,00 meter

**Numune Kabul Tarihi**

: 09.05.2017

Test Item Receipt Date

**Deneysel Yapıldığı Tarih**

: 15.05.2017 - 31.05.2017

Date of Test

**Uygulanan Standard / Metod**

: TS EN 13501-6:2014-04 Yapı mamulleri ve yapı elemanları - Yangın sınıflandırması -  
Bölüm 6: Elektrik kablolarındaki yangın deneylerinin reaksiyonlarından elde edilen  
veriler kullanılarak sınıflandırma

Applied Standard/Method

TS EN 13501-6:2014-04 Fire classification of construction products and building  
elements - Part 6: Classification using data from reaction to fire tests on electric cables

**Raporun Sayfa Sayısı**

: 4

Number of pages of the report

**Açıklamalar**

:

Remarks

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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.



Mühür  
Seal

Tarih  
Date

02.05.17

Deneysel Sorumlusu  
Person in charge of tests

Ebubekir YILANCI  
Tekniker

Kontrol Eden  
Reviewer

Mehmet YAZICI  
Teknik Şef

Onaylayan  
Approved by

Hilmi AKDOĞAN  
Laboratuvar Müdürü

Bu rapor, hazırlayan laboratuvarın yazılı izni olmadan kısmen kopyalanıp çoğaltılamaz. İmzasız ve mühürsüz raporlar geçersizdir.

Bu rapor, sadece deneysel yapılan numune için geçerlidir ve "Ürün Belgesi" yerine geçmez.

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This test report represents only tested sample(s), and shall not be used as Product Certificate



## REACTION TO FIRE CLASSIFICATION OF ELECTRICAL CABLES

### 1-Introduction

This classification report defines the classification assigned to ETK CABLE - CAT 5e LSZH F/UTP in accordance with the procedures given in TS EN 13501-6



## CLASSIFICATION OF REACTION TO FIRE FOR ELECTRIC CABLES IN ACCORDANCE WITH TS EN 13501-6

<b>Sponsor</b>	ETK KABLO SAN. VE TİC. A. Ş.
<b>Prepared by</b>	TSE Elektroteknik Laboratuvarı Gebze Müdürlüğü
<b>Notified Body No</b>	1783
<b>Product name</b>	ETK CABLE with trade mark, CAT 5e LSZH F/UTP type of cable
<b>Classification report No</b>	344407 /05-17
<b>Issue number</b>	2
<b>Issue date</b>	31.05.2017

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

### 2 Details of classified product

#### 2.1 General

ETK CABLE with trade mark, CAT 5e LSZH F/UTP type of cable

#### 2.2 Product description

ETK CABLE with trade mark, CAT 5e LSZH F/UTP type of cable is described below.

<b>Sponsor</b>	ETK KABLO SAN. VE TİC. A. Ş.
<b>Manufacturer</b>	ETK KABLO SAN. VE TİC. A. Ş.
<b>Place of manufacturer</b>	Osmangazi Mah. Müstesna sok. No:37 Samandıra-Sancaktepe / İstanbul
<b>Trade name</b>	ETK CABLE, CAT 5e LSZH F/UTP
<b>Sample description</b>	CAT 5e LSZH F/UTP
<b>Tested cable and size</b>	1- CAT 5e LSZH F/UTP
<b>Overall diameter</b>	1- CAT 5e LSZH F/UTP = 6,40 mm





### 3 Reports and results in support of this classification

#### 3.1 Reports

Enter details of reports here as applicable

Name of Laboratory	Name of Sponsor	Test Reports No	Test method
TSE Gebze Electrotechnical Laboratory	ETK KABLO SAN. VE TİC. A. Ş.	344383/ 05-17	TS EN 60332-1-2/A11:2017

#### 3.2 Results

Test method and type of cable	Parameter	No. of test	Test results	
			Continuous parameter	Compliance with parameters
CAT 5e LSZH F/UTP TS EN 60332-1-2/A11:2017	H (Vertical flame spread)	1	151 mm	≤ 425mm / Eca

### 4 Classification and field of application

#### 4.1 Reference of Classification

This classification has been carried out in accordance with TS EN 13501-6:2014.

#### 4.2 Classification

The power cables in relation to reaction to fire behaviour are classified:

**E<sub>ca</sub>**

The format of the reaction to fire classification for electric cables is:

Fire Behaviour	Smoke Production	Flaming Droplets	Acidity
<b>E<sub>ca</sub></b>	-	-	-

**Reaction to Fire Classification: E<sub>ca</sub>**





### 4.3 Field of application

This classification is valid for the power cables listed below as determined in the extended application process according to CLC-FprTS 50576-2016.

Brand name	Cable Family	Conductor size	Reaction to Fire Classification
ETK CABLE	CAT 5e LSZH F/UTP	6,40 mm	E <sub>ca</sub>

### 5 Limitations

This classification document does not represent type approval or certification of the product.

The classification assigned to the product in this report is appropriate to a declaration of conformity by the manufacturer within the context of system 3 attestation of conformity and CE marking under the Construction Products Regulation.

The test laboratory has, therefore, played no part in sampling the product for the test, although it holds appropriate references, supplied by the manufacturer, to provide for traceability of the samples tested

Signed

Ebubekir YILANCI

Technician  
Electrotechnical Laboratory

Approved

Hilmi AKDOĞAN

Director of Electrotechnical  
Laboratory

