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**TSE DENEY ve KALİBRASYON MERKEZİ BAŞKANLIĞI**  
**Elektroteknik ve Kimya Laboratuvarları Grup Başkanlığı**  
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Test  
TS EN ISO/IEC 17025  
AB-0001-T

AB-0001-T

344390

05-17

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

**Deneyi 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)

**Deney Talep Tarihi/No** : 09.05.2017 / 178242  
*Order Date / No*

**Numunenin Tanımı** : KABLO, ETK , CAT 6 F/UTP (PVC) , - , - , 2.00 metre  
(Cins, Marka, Tip, Tür, Model vb.)  
*Sample Description (Type,Mark,Model etc.)* CABLE,ETK,CAT 6 F/UTP (PVC),...2,00 meter

**Numune Kabul Tarihi** : 09.05.2017  
*Test Item Receipt Date*

**Deneylerin 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

Deney Sorumlusu  
Person in charge of tests

Kontrol Eden  
Reviewer

Onaylayan  
Approved by

02.06.17

Ebubekir YILANCI  
Tekniker

Mehmet YAZICI  
Teknik Şef

Hilmi AKDOĞAN  
Laboratuvar Müdürü

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

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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 6 F/UTP (PVC) 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 6 F/UTP (PVC) type of cable
<b>Classification report No</b>	344390/05-17
<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 6 F/UTP (PVC) type of cable

#### 2.2 Product description

ETK CABLE with trade mark, CAT 6 F/UTP (PVC) 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 6 F/UTP (PVC)
<b>Sample description</b>	CAT 6 F/UTP (PVC)
<b>Tested cable and size</b>	1- CAT 6 F/UTP (PVC)
<b>Overall diameter</b>	1- CAT 6 F/UTP (PVC) = 7,40 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.	344355/ 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 6 F/UTP (PVC) TS EN 60332-1-2/A11:2017	H (Vertical flame spread)	1	160 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 6 F/UTP (PVC)	7,40 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

