



REQUEST NUMBER: 2025-386899

ELEKTROTEKNİK LABORATUVARI GEBZE MÜDÜRLÜĞÜ
Electrotechnical Laboratory (Gebze)

Yapı Malzemeleri Yönetmeliđi(305/2011/AB)
Construction Products Regulation(305/2011/EU)

ONAYLANMIŞ KURULUŞ : 1783
NOTIFIED BODY : 1783

TS EN 13501-6

YANGINA TEPKİ SINIFLANDIRMA RAPORU
REACTION TO FIRE CLASSIFICATION REPORT

Talep Eden : ETK KABLO SAN. VE TİC. A.Ş.
Applicant
Adresi : OSMANGAZİ MAH. MÜSTESNA SOK. NO:37
Address SANCAKTEPE / İSTANBUL
Name and address of Production Place
Markası,Ticari Modeli,Tipi : ETK KABLO, N2XBY-O-J 0,6/1 kV
Trade Mark, Commercial Model,Type

YANGINA TEPKİ SINIFI
REACTION TO FIRE CLASSIFICATION

E

Rapor Deđerlendirme Tarihi : 05.12.2025
Report Assessment Date

ÇETİN AYGÜN

**DIRECTOR OF ELECTROTECHNICAL
LABORATORY (GEBZE) DEP.**

Bu rapor 3 sayfadır ve kısmen çođaltılamaz.

This report is composed of 3 page and cannot be copied partially.

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1. INTRODUCTION

This classification report defines the classification of cable below in accordance with the procedures given in TS EN 13501-6

2. DETAILS OF CLASSIFIED PRODUCT

2.1. General

Trade name, Type of cable	ETK KABLO, N2XBY-O-J 0,6/1 kV	
Tested cable and size and overall diameter	1- N2XBY-O 2x1,5 mm ² 0,6/1 kV	12,00 mm
	2- N2XBY-J 5G35 mm ² 0,6/1 kV	32,00 mm

3. TEST REPORT AND RESULTS

3.1 Test Reports

Name of Laboratory	Test reports no and Date	Test methods
TSE Gebze Electrotechnical Laboratory	462287/ 12-25	(TS EN 60332-1-2/A1:2016 / A12: 2021)
TSE Gebze Electrotechnical Laboratory	462409 / 12-25	(TS EN 60332-1-2/A1:2016 / A12: 2021)

3.2 Test Results

Test method and type of cable	Parameter	No. of test	Test results	
			Continuous parameter	Compliance with parameters
N2XBY-O 2x1,5 mm ² 0,6/1 kV TS EN 60332-1-2/A12:2021	H (Vertical flame spread)	1	150 mm	≤ 425mm / Eca
N2XBY-J 5G35 mm ² 0,6/1 kV TS EN 60332-1-2/A12:2021	H (Vertical flame spread)	1	120 mm	≤ 425mm / Eca

4. CLASSIFICATION

Fire Behaviour	Smoke Production	Flaming Droplets	Acidity
Eca	-	-	-

Reaction to Fire Classification: **Eca**



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5. 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.

Trade name	Cable Family	Outer diameter of cable	Reaction to Fire Classification
ETK KABLO	N2XBY-O-J 0,6/1 kV	From 12,00 mm – to 40,00 mm	Eca

Prepared by

MÜNİR ÖZKAYA

TEST STAFF

Approved by

ÇETİN AYGÜN

DIRECTOR OF ELECTROTECHNICAL
LABORATORY (GEBZE) DEP.