

REPORT No 12049

Date of issue: August 27, 2026

Status: FINAL REPORT

IEC 60332-1-2

TESTS ON ELECTRIC AND OPTICAL FIBRE CABLES UNDER FIRE CONDITIONS - TEST FOR VERTICAL FLAME PROPAGATION - 1 KW PRE-MIXED FLAME -

Program: SQ-2619

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Prepared by:	Reviewed by:	Approved by:
Valentyn Kravchenko Assistant Technician	Eng. Esteban Di Marco Electromechanical expert	Eng. Emiliano Medina Quality Assurance Lead

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1. FOREWORD

This report summarizes the results of the **SQ-2619** proficiency testing program for determining cable resistance to vertical flame propagation. This program is conducted in a bilateral format, following the “split-sample” design described in clause A.4.2 of ISO/IEC 17043: 2023 (Alternative interlaboratory comparisons).

South Quality conducted the testing program in May/June 2026 with the aim of assessing the laboratory's ability to competently perform the designated tests.

2. ORGANIZATION

Program Coordinator: Eng. Esteban Di Marco

Assistant Technician: Valentyn Kravchenko

Statistic: Lic. Manuel Tozaki

Supervision: Eng. Emiliano Medina

3. OBJECTIVE

The objective of this proficiency testing program is to determine the maximum zone of charring in accordance with the following standard:

Standard
IEC 60332-1-2: 2004 + AMD1: 2015

To verify this, batches of cables were selected.

Participants in this program have not been previously informed about the expected values or value ranges of the samples they receive.

4. PARTICIPANT

Company: **METCAB UYGUNLUK DEGERLENDIRME LIMITED SIRKETI**

Laboratory: **METCAB TEST LABORATORY**

Country: Türkiye

Client ID: S362

Contact person: Ersin Gök
Technical Manager
egok@metcab.org

5. HOMOGENEITY

Several batches were prepared identically by the staff at South Quality.

Subsequently, a homogeneity study was conducted with an ISO 17025 accredited laboratory.

The control process followed ISO 33405: 2024, clauses 7.4.1.1 / 7.4.1.2. Stratified random sampling was applied, and samples were selected using random number generation software.

The results of this test are presented below:

Size of each batch: **75 units**

Tested samples from each batch: **15 units**

DETERMINATION	HOMOGENEITY OF RESULTS IN THE ANALYZED SAMPLES		
	BATCH: LEM2955	BATCH: LEM2956	BATCH: LEM2957
Charring length	YES	YES	NO

Size of each batch: **75 units**

Tested samples from each batch: **15 units**

DETERMINATION	HOMOGENEITY OF RESULTS IN THE ANALYZED SAMPLES		
	BATCH: LEM3374	BATCH: LEM3375	BATCH: LEM3376
Charring length	NO	YES	YES

Samples for this program are taken from the selected batches identified as **LEM2956** and **LEM3375**.

For the indicated batches, the values determined in the homogeneity study are utilized as the assigned values.

The analysis of the test data indicated that the selected samples exhibited sufficient homogeneity for the program. Therefore, the results of participants identified as outliers cannot be attributed to sample variability.

6. SAMPLE INFORMATION

The following samples were sent for testing:

Batch:	LEM2956
Sample ID:	07 + 29 + 46
Characteristics:	Round cable - 2 x 1 mm ² - Cu/PVC - 100 cm

Batch:	LEM3375
Sample ID:	05 + 26 + 44
Characteristics:	Round cable - 2 x 1.5 mm ² - Cu/PVC - 100 cm

7. IMAGES

SAMPLES	
	
	

8. ASSIGNED VALUES

BATCH	FLAME SPREAD	
	AVG - LENGTH (mm)	SD
LEM2956	149	3.1
LEM3375	127	2.7

9. PARTICIPANT RESULTS (SEE APPENDICES B AND C)

BATCH	FLAME SPREAD
	AVG - LENGTH (mm)
LEM2956	153
LEM3375	123

10. STATISTICS

The results must be treated as quantitative.

According to B.4.1.3 of ISO 17043 the appropriate technique is to compare participant results with the assigned values. The results can be compared using **z score**.

$$z = \frac{x - X}{\hat{\sigma}}$$

x is the participant's result

X is the assigned value

$\hat{\sigma}$ is the standard deviation

The performance evaluation of each sample is carried out with the following criteria:

$|z| \leq 2.0$ indicates “satisfactory” performance and generates no signal;

$2.0 < |z| < 3.0$ indicates “questionable” performance and generates a warning signal;

$|z| \geq 3.0$ indicates “unsatisfactory” performance and generates an action signal;

11. EVALUATION OF PERFORMANCE

BATCH	FLAME SPREAD AVG - length (mm)		z score	PERFORMANCE RESULT
	PARTICIPANT RESULT	ASSIGNED VALUE		
LEM2956	153	149	1.40	SATISFACTORY
LEM3375	123	127	1.36	SATISFACTORY

12. CONCLUSIONS

The overall performance on this **SQ-2619** program from the participant laboratory **METCAB UYGUNLUK DEGERLENDIRME LIMITED SIRKETI - METCAB TEST LABORATORY**, is **SUFFICIENT** based on expected results.

The criteria used for evaluating the overall performance are as follows:

- **SUFFICIENT** performance: No unsatisfactory/questionable results were obtained.
- **ALMOST SUFFICIENT** performance: No unsatisfactory results were obtained, but one questionable result was found.
- **INSUFFICIENT** performance: An unsatisfactory result or two questionable results were obtained.

APPENDIX A

INSTRUCTIONS



INSTRUCTIONS

PROGRAM:	Tests on electric and optical fibre cables under fire conditions Test for vertical flame propagation - 1 kW pre-mixed flame
CODE:	SQ-2619
VERSION:	-
STANDARD:	IEC 60332-1-2
COORDINATOR:	Eng. Esteban Di marco (edimarco@ptsouthquality.com)

DSQ-012 - REV 06 -

SQ-2619

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1 - General

This document serves as a guide for managing the results of the **SQ-2619** program.

2 - Standard

IEC 60332-1-2: 2004 + AMD1: 2015

3 - Tests involved

TEST
Determination of the resistance to vertical flame propagation

4 - Samples

CODE	SAMPLE	QUANTITY
LEM2956-XX	Round cable - 2 x 1 mm ² - 100 cm	3
LEM3375-XX	Round cable - 2 x 1.5 mm ² - 100 cm	3

5 - Notes

- Being a bilateral program there is no deadline to accomplish sending results.
- The participant must submit the results using the usual report employed by their laboratory.
- The samples are to be handled as routine lab samples, with all testing, documentation, and reporting adhering to **IEC 60332-1-2**.
- Samples must be retained until the end of the program, which concludes with the submission of the final report.
- To review the results, test images would be appreciated. Images can be attached at the end of this document or sent by email.

}

PHOTOGRAPHS

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SQ-2619

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APPENDIX B

PARTICIPANT RESULTS (BATCH: LEM2956)

Rapor no: TS20260522_133518

METCAB DENEY LABORATUVARI

METCAB UYGUNLUK DEĞERLENDİRME LTD. ŞTİ. DENey LABORATORY (SİLİVRİ)
Selimpaşa, 6093. Sk. No:18, 34590 Silivri/Istanbul
Web: www.metcab.org

DENEY RAPORU TEST REPORT

Deneyi Talep Eden Customer	SOUTH QUALITY
Deney Talep Tarihi/No Order Date/No	18.04.2026 / SQ-2619
Numunenin Tanımı Sample Description	BT CONDOCTORES INDUSTRIA ARGENTINA 300/500V 2X1mm ² IRAM NM 247-5 LEM2956 ID 07 PROGRAM SQ-2619 CLIENT S362
Numune Kabul Tarihi Test Item Receipt Date	04.05.2026
Deneyin Yapıldığı Tarih Date of Test	22.05.2026
Uygulanan Standard/Metod Applied Standard/Method	EN 60332-1-2:2004+/A1:2015+ /A11:2016 +/A12: 2020
Rapor No/Sayfa Sayısı Number of pages of the report	2
Açıklamalar Remarks	Proficiency Testing

Deney ve /veya ölçüm sonuçları, genişletilmiş ölçüm belirsizlikleri (olması halinde) ve deney metodları bu sertifikanın tamamlayıcı kısmı olan takip eden sayfalarda verilmiştir.
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.



Deneyi yapan
Experimenter by

Şenol Sarı
Lab. Staff

Gözetmen
Supervisor by

Onaylayan
Approved by

SEMIH GENÇEL
Lab. Manager

Bu rapor, hazırlayan laboratuvarın yazılı izni olmadan kısmen kopyalanıp çoğaltılamaz. İmzasız ve mührsüz raporlar geçersizdir. Bu rapor, sadece deneyi yapılan numune için geçerlidir.
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Test reports without signature and seal are not valid. This test report represents only tested sample(s).

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Rapor no:/TS20260522_133518

METCAB DENEY LABORATUVARI
METCAB TEST LABORATORY

DENEY SONUÇLARI/TEST RESULTS

Üretici Firma/Applicant	SOUTH QUALITY
Numunenin Cinsi/Definition of sample	BT CONDOCTORES INDUSTRIA ARGETINA 300/500V 2X1mm ² IRAM NM 247-5 LEM2956 ID 07 PROGRAM SQ-2619 CLIENT S362
Uzunluğu/Lenght	60 cm

Deney/Test	Aranan/İstenen	Ölçülen/Görülen
(EN 60332-1-2:2004+/A1:2015+ /A11:2016+/A12: 2020) Kablo dış çapı/Overall diameter : 7,1mm Alev süresi/Flame duration : 60 sec Ortam sıcaklığı/Ambient temperature : 23,5°C Nem/Humidity : 55%	Yanma Uzunluğu/Flame Spread (H) ≤ 425mm	Yanma Uzunluğu/Flame Spread (165) ≤ mm

Yeterlilik testi amacıyla BT CONDOCTORES INDUSTRIA ARGETINA 300/500V 2X1mm² IRAM NM 247-5 numunesi üzerinde yukarıda belirtilen standartlara göre deneyler uygulanmış ve yukarıdaki sonuçlar alınmıştır. / For Proficiency Testing purposes, tests were performed on a specimen with a cross-sectional area of BT CONDOCTORES INDUSTRIA ARGETINA 300/500V 2X1mm² IRAM NM 247-5 in accordance with the standards specified above, and the results presented above were obtained

(DOK. NO : F.16.09, REV: 00, REV TRH: - YAYIN TARİHİ: 01.03.2025)

2/2

Rapor no:/TS20260522_133518

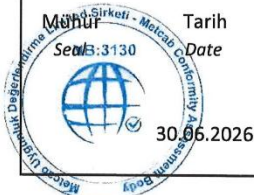
METCAB DENEY LABORATUVARI

METCAB UYGUNLUK DEĞERLENDİRME LTD. ŞTİ. DENEY LABORATORY (SİLİVRİ)
Selimpaşa, 6093. Sk. No:18, 34590 Silivri/İstanbul
Web: www.metcab.org

**DENEY RAPORU
TEST REPORT**

Deneyi Talep Eden Customer	SOUTH QUALITY
Deney Talep Tarihi/No Order Date/No	18.04.2026 / SQ-2619
Numunenin Tanımı Sample Description	BT CONDOCTORES INDUSTRIA ARGENTINA 300/500V 2X1mm ² IRAM NM 247-5 LEM2956 ID 29 PROGRAM SQ-2619 CLIENT S362
Numune Kabul Tarihi Test Item Receipt Date	04.05.2026
Deneyin Yapıldığı Tarih Date of Test	22.05.2026
Uygulanan Standard/Metod Applied Standard/Method	EN 60332-1-2:2004+/A1:2015+ /A11:2016 +/A12: 2020
Rapor No/Sayfa Sayısı Number of pages of the report	2
Açıklamalar Remarks	Proficiency Testing

Deney ve /veya ölçüm sonuçları, genişletilmiş ölçüm belirsizlikleri (olması halinde) ve deney metotları bu sertifikanın tamamlayıcı kısmı olan takip eden sayfalarda verilmiştir.
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.



Tarih
Date
30.06.2026

Deneyi yapan
Experimenter by

Şenol Sarı
Lab. Staff

Gözetmen
Supervisor by

Onaylayan
Approved by

SEMHİH GENÇEL
Lab. Manager

Bu rapor, hazırlayan laboratuvarın yazılı izni olmadan kısmen kopyalanıp çoğaltılamaz. İmzasız ve mühürsüz raporlar geçersizdir. Bu rapor, sadece deneyi yapılan numune için geçerlidir.
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METCAB TEST LABORATORY

DENEY SONUÇLARI/TEST RESULTS

Üretici Firma/Applicant	SOUTH QUALITY
Numunenin Cinsi/Definition of sample	BT CONDOCTORES INDUSTRIA ARGETINA 300/500V 2X1mm ² IRAM NM 247-5 LEM2956 ID 29 PROGRAM SQ-2619 CLIENT S362
Uzunluğu/Lenght	60 cm

Deney/Test	Aranan/İstenen	Ölçülen/Görülen
(EN 60332-1-2:2004+/A1:2015+ /A11:2016+/A12: 2020) Kablo dış çapı/Overall diameter : 6,8mm Alev süresi/Flame duration : 60 sec Ortam sıcaklığı/Ambient temperature : 23,5°C Nem/Humidity : 55%	Yanma Uzunluğu/Flame Spread (H) ≤ 425mm	Yanma Uzunluğu/Flame Spread (155) ≤ mm

Yeterlilik testi amacıyla BT CONDOCTORES INDUSTRIA ARGETINA 300/500V 2X1mm² IRAM NM 247-5 numunesi üzerinde yukarıda belirtilen standartlara göre deneyler uygulanmış ve yukarıdaki sonuçlar alınmıştır. / For Proficiency Testing purposes, tests were performed on a specimen with a cross-sectional area of BT CONDOCTORES INDUSTRIA ARGETINA 300/500V 2X1mm² IRAM NM 247-5 in accordance with the standards specified above, and the results presented above were obtained

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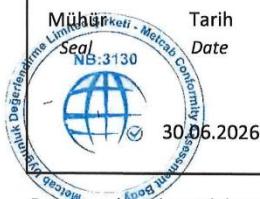
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Web: www.metcab.org

**DENEY RAPORU
TEST REPORT**

Deneyi Talep Eden Customer	SOUTH QUALITY
Deney Talep Tarihi/No Order Date/No	18.04.2026 / SQ-2619
Numunenin Tanımı Sample Description	BT CONDOCTORES INDUSTRIA ARGENTINA 300/500V 2X1mm ² IRAM NM 247-5 LEM2956 ID 46 PROGRAM SQ-2619 CLIENT S362
Numune Kabul Tarihi Test Item Receipt Date	04.05.2026
Deneyin Yapıldığı Tarih Date of Test	22.05.2026
Uygulanan Standard/Metod Applied Standard/Method	EN 60332-1-2:2004+/A1:2015+ /A11:2016 +/A12: 2020
Rapor No/Sayfa Sayısı Number of pages of the report	2
Açıklamalar Remarks	Proficiency Testing

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Deneyi yapan
Experimenter by

Şenol Sarı
Lab. Staff

Gözetmen
Supervisor by

Onaylayan
Approved by

SEMİH GENÇEL
Lab. Manager

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METCAB DENEY LABORATUVARI
METCAB TEST LABORATORY**DENEY SONUÇLARI/TEST RESULTS**

Üretici Firma/Applicant	SOUTH QUALITY
Numunenin Cinsi/Definition of sample	BT CONDOCTORES INDUSTRIA ARGETINA 300/500V 2X1mm ² IRAM NM 247-5 LEM2956 ID 46 PROGRAM SQ-2619 CLIENT S362
Uzunluğu/Lenght	60 cm

Deney/Test	Aranan/İstenen	Ölçülen/Görülen
(EN 60332-1-2:2004+/A1:2015+ /A11:2016 +/A12: 2020) Kablo dış çapı/Overall diameter : 6,9mm Alev süresi/Flame duration : 60 sec Ortam sıcaklığı/Ambient temperature : 23,5°C Nem/Humidity : 55%	Yanma Uzunluğu/Flame Spread (H) ≤ 425mm	Yanma Uzunluğu/Flame Spread (140) ≤ mm

Yeterlilik testi amacıyla BT CONDOCTORES INDUSTRIA ARGETINA 300/500V 2X1mm² IRAM NM 247-5 numunesi üzerinde yukarıda belirtilen standartlara göre deneyler uygulanmış ve yukarıdaki sonuçlar alınmıştır. / For Proficiency Testing purposes, tests were performed on a specimen with a cross-sectional area of BT CONDOCTORES INDUSTRIA ARGETINA 300/500V 2X1mm² IRAM NM 247-5 in accordance with the standards specified above, and the results presented above were obtained

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2/2

APPENDIX C

PARTICIPANT RESULTS (BATCH: LEM3375)

Rapor no: /TS20260522_133518

METCAB DENEY LABORATUVARI	
METCAB UYGUNLUK DEĞERLENDİRME LTD. ŞTİ. DENEY LABORATORY (SİLİVRİ) Selimpaşa, 6093. Sk. No:18, 34590 Silivri/İstanbul Web: www.metcab.org	
DENEY RAPORU TEST REPORT	
Deneysel Talep Eden Customer	SOUTH QUALITY
Deneysel Talep Tarihi/No Order Date/No	18.04.2026 / SQ-2619
Numunenin Tanımı Sample Description	TREFILON – INDUSTRIA ARGENTINA 300/500V – 2X1,5mm ² 27NM 53 C5 <BUREAU VERITAS – BVE 814 – RES.M.P.S.C. 169/2018> LOTE:22/24 LEM3375 ID 05 PROGRAM SQ-2619 CLIENT S362
Numune Kabul Tarihi Test Item Receipt Date	4.05.2026
Deneysel Yapıldığı Tarih Date of Test	22.05.2026
Uygulanan Standard/Metod Applied Standard/Method	EN 60332-1-2:2004+/A1:2015+ /A11:2016 +/A12: 2020
Rapor No/Sayfa Sayısı Number of pages of the report	2
Açıklamalar Remarks	Proficiency Testing
Deneysel ve /veya ölçüm sonuçları, genişletilmiş ölçüm belirsizlikleri (olması halinde) ve deneysel metotları bu sertifikanın tamamlayıcı kısmı olan takip eden sayfalarda verilmiştir. 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 NB:3130 Date 30.05.2026	Deneysel Yapan Experimenter by  Şenol Sarı Lab. Staff
	Gözetmen Supervisor by
	Onaylayan Approved by  SEMİH GENÇEL Lab. Manager

Bu rapor, hazırlayan laboratuvarın yazılı izni olmadan kısmen kopyalanıp çoğaltılamaz. İmzasız ve mühürsüz raporlar geçersizdir. Bu rapor, sadece deneysel yapılan numune için geçerlidir.
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Rapor no: TS20260522_133518

METCAB DENEY LABORATUVARI
METCAB TEST LABORATORY

DENEY SONUÇLARI/TEST RESULTS

Üretici Firma/Applicant	SOUTH QUALITY
Numunenin Cinsi/Definition of sample	TREFILON – INDUSTRIA ARGETINA 300/500V – 2X1,5mm ² 27NM 53 C5 <BUREAU VERITAS – BVE 814 – RES.M.P.S.C. 169/2018> LOTE:22/24 LEM3375 ID 05 PROGRAM SQ-2619 CLIENT S362
Uzunluğu/Lenght	60 cm

DeneY/Test	Aranan/İstenen	Ölçülen/Görülen
(EN 60332-1-2:2004+/A1:2015+ /A11:2016+/A12: 2020) Kablo dış çapı/Overall diameter : 7,4mm Alev süresi/Flame duration : 60 sec Ortam sıcaklığı/Ambient temperature : 23,2°C Nem/Humidity : 54%	Yanma Uzunluğu/Flame Spread (H) ≤ 425mm	Yanma Uzunluğu/Flame Spread (135) ≤ mm

Yeterlilik testi amacıyla TREFILON – INDUSTRIA ARGETINA 300/500V – 2X1,5mm² 27NM 53 C5 numunesi üzerinde yukarıda belirtilen standartlara göre deneyler uygulanmış ve yukarıdaki sonuçlar alınmıştır. / For Proficiency Testing purposes, tests were performed on a specimen with a cross-sectional area of BT TREFILON – INDUSTRIA ARGETINA 300/500V – 2X1,5mm² 27NM 53 C5 in accordance with the standards specified above, and the results presented above were obtained

(DOK. NO : F.16.09, REV: 00, REV TRH: - YAYIN TARİHİ: 01.03.2025)
2/2

Rapor no:/TS20260522_133518

METCAB DENEY LABORATUVARI

METCAB UYGUNLUK DEĞERLENDİRME LTD. ŞTİ. DENEY LABORATORY (SİLİVRİ)
Selimpaşa, 6093. Sk. No:18, 34590 Silivri/İstanbul
Web: www.metcab.org

**DENEY RAPORU
TEST REPORT**

Deneyi Talep Eden Customer	SOUTH QUALITY
Deney Talep Tarihi/No Order Date/No	18.04.2026 / SQ-2619
Numunenin Tanımı Sample Description	TREFILON – INDUSTRIA ARGETINA 300/500V – 2X1,5mm ² 27NM 53 C5 <BUREAU VERITAS – BVE 814 – RES.M.P.S.C. 169/2018> LOTE:22/24 LEM3375 ID 26 PROGRAM SQ-2619 CLIENT S362
Numune Kabul Tarihi Test Item Receipt Date	4.05.2026
Deneyin Yapıldığı Tarih Date of Test	22.05.2026
Uygulanan Standard/Metod Applied Standard/Method	EN 60332-1-2:2004+/A1:2015+ /A11:2016 +/A12: 2020
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Experimenter by

Şenol Sarı
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Lab. Manager

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METCAB DENEY LABORATUVARI
METCAB TEST LABORATORY

DENEY SONUÇLARI/TEST RESULTS

Üretici Firma/Applicant	SOUTH QUALITY
Numunenin Cinsi/Definition of sample	TREFILON – INDUSTRIA ARGENTINA 300/500V – 2X1,5mm ² 27NM 53 C5 <BUREAU VERITAS – BVE 814 – RES.M.P.S.C. 169/2018> LOTE:22/24 LEM3375 ID 26 PROGRAM SQ-2619 CLIENT S362
Uzunluğu/Lenght	60 cm

DeneY/Test	Aranan/İstenen	Ölçülen/Görülen
(EN 60332-1-2:2004+/A1:2015+ /A11:2016+/A12: 2020) Kablo dış çapı/Overall diameter : 7,5mm Alev süresi/Flame duration : 60 sec Ortam sıcaklığı/Ambient temperature : 23,2°C Nem/Humidity : 54%	Yanma Uzunluğu/Flame Spread (H) ≤ 425mm	Yanma Uzunluğu/Flame Spread (120) ≤ mm

Yeterlilik testi amacıyla TREFILON – INDUSTRIA ARGENTINA 300/500V – 2X1,5mm² 27NM 53 C5 numunesi üzerinde yukarıda belirtilen standartlara göre deneyler uygulanmış ve yukarıdaki sonuçlar alınmıştır. / For Proficiency Testing purposes, tests were performed on a specimen with a cross-sectional area of TREFILON – INDUSTRIA ARGENTINA 300/500V – 2X1,5mm² 27NM 53 C5 in accordance with the standards specified above, and the results presented above were obtained

(DOK. NO : F.16.09, REV: 00, REV TRH: - YAYIN TARİHİ: 01.03.2025)
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Rapor no:/TS20260522_133518

METCAB DENEY LABORATUVARI

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**DENEY RAPORU
TEST REPORT**

Deneyi Talep Eden Customer	SOUTH QUALITY
Deney Talep Tarihi/No Order Date/No	18.04.2026 / SQ-2619
Numunenin Tanımı Sample Description	TREFILON – INDUSTRIA ARGENTINA 300/500V – 2X1,5mm ² 27NM 53 C5 <BUREAU VERITAS – BVE 814 – RES.M.P.S.C. 169/2018> LOTE:22/24 LEM3375 ID 44 PROGRAM SQ-2619 CLIENT S362
Numune Kabul Tarihi Test Item Receipt Date	4.05.2026
Deneyin Yapıldığı Tarih Date of Test	22.05.2026
Uygulanan Standard/Metod Applied Standard/Method	EN 60332-1-2:2004+/A1:2015+ /A11:2016 +/A12: 2020
Rapor No/Sayfa Sayısı Number of pages of the report	2
Açıklamalar Remarks	Proficiency Testing

Deney ve /veya ölçüm sonuçları, genişletilmiş ölçüm belirsizlikleri (olması halinde) ve deney metotları bu sertifikanın tamamlayıcı kısmı olan takip eden sayfalarda verilmiştir.
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.



Deneyi yapan
Experimenter by

Şenol Sarı
Lab. Staff

Gözetmen
Supervisor by

Onaylayan
Approved by

SEMİH GENÇEL
Lab. Manager

Bu rapor, hazırlayan laboratuvarın yazılı izni olmadan kısmen kopyalanıp çoğaltılamaz. İmzasız ve mühürsüz raporlar geçersizdir. Bu rapor, sadece deneyi yapılan numune için geçerlidir.
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Test reports without signature and seal are not valid. This test report represents only tested sample(s).

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Rapor no:/TS20260522_133518

METCAB DENEY LABORATUVARI
METCAB TEST LABORATORY
DENEY SONUÇLARI/TEST RESULTS

Üretici Firma/Applicant	SOUTH QUALITY
Numunenin Cinsi/Definition of sample	TREFILON – INDUSTRIA ARGETINA 300/500V – 2X1,5mm ² 27NM 53 C5 <BUREAU VERITAS – BVE 814 – RES.M.P.S.C. 169/2018> LOTE:22/24 LEM3375 ID 44 PROGRAM SQ-2619 CLIENT S362
Uzunluğu/Lenght	60 cm

Deney/Test	Aranan/İstenen	Ölçülen/Görülen
(EN 60332-1-2:2004+/A1:2015+ /A11:2016+/A12: 2020) Kablo dış çapı/Overall diameter : 7,4mm Alev süresi/Flame duration : 60 sec Ortam sıcaklığı/Ambient temperature : 23,2°C Nem/Humidity : 54%	Yanma Uzunluğu/Flame Spread (H) ≤ 425mm	Yanma Uzunluğu/Flame Spread (115) ≤ mm

Yeterlilik testi amacıyla TREFILON – INDUSTRIA ARGETINA 300/500V – 2X1,5mm² 27NM 53 C5 numunesi üzerinde yukarıda belirtilen standartlara göre deneyler uygulanmış ve yukarıdaki sonuçlar alınmıştır. / For Proficiency Testing purposes, tests were performed on a specimen with a cross-sectional area of TREFILON – INDUSTRIA ARGETINA 300/500V – 2X1,5mm² 27NM 53 C5 in accordance with the standards specified above, and the results presented above were obtained

(DOK. NO : F.16.09, REV: 00, REV TRH: - YAYIN TARİHİ: 01.03.2025)

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