

**Fire Test Laboratory**

Accredited Body  
Nr: AB-0556-T

## CLASSIFICATION OF REACTION TO FIRE IN ACCORDANCE WITH EN 13501-1:2007+A1:2009

<b>Sponsor</b>	: KOMPEN PVC YAPI VE İNŞ. MLZ. SAN. VE TİC. A.Ş. Konya- Afyon Karayolu 45. Km. Ladik Mevkii Sarayönü KONYA/TURKEY
<b>Prepared by</b>	: EFFECTİS ERA AVRASYA TEST VE BELGELENDİRME A.Ş. TOSB TAYSAD Organize San. Böl. 1. CD. 15. Yol No: 1 Şekerpinar - Çayırova KOCAELİ, TURKEY
<b>Product name</b>	: BAUPLAST U-PVC PROFİLİ (905 SL)
<b>Classification report No.</b>	: ERA - 16 - 079
<b>Issue Number</b>	: 1/2
<b>Date of issue</b>	: 15.08.2016

This classification report consists of 5 pages and may only be used or reproduced in its entirety.

## 1. INTRODUCTION

This classification report defines the classification assigned to "BAUPLAST U-PVC PROFİLİ (905 SL)" in accordance with the procedures given in EN 13501-1:2007+A1:2009.

## 2. DETAILS OF CLASSIFIED PRODUCT

### 2.1. General:

BAUPLAST U-PVC PROFİLİ (905 SL) is defined as a "type of classified product". Its classification is valid for the following end use application:

### 2.2. Description:

BAUPLAST U-PVC PROFİLİ (905 SL) is fully described in the test reports in support of the classification listed in clause 3.

Manufactured Plant: KOMPEN PVC YAPI VE İNŞ. MLZ. SAN. VE TİC. A.Ş.  
Konya- Afyon Karayolu 45. Km. Ladik Mevkii Sarayönü KONYA/TURKEY

Tested product types:

Product name	Thickness (mm)	Upper surface width (mm)	PVC	
			Density (g/m <sup>3</sup> )	Consumption (g/m)
BAUPLAST U-PVC PROFİLİ (905 SL)	71	70	1,45	1235 ± 20



### 3. REPORTS AND RESULTS IN SUPPORT OF CLASSIFICATION

#### 3.1. Reports

Name of laboratory	Name of sponsor	Report ref. no.	Test method and date Field of application rules and date
EFECTİS ERA AVRASYA TEST VE BELGELENDİRME A.Ş.	KOMPEN PVC YAPI VE İNŞ. MLZ. SAN. VE TİC. A.Ş.	FTST16353	EN 13823:2010+A1:2014
		FTST16354	EN ISO 11925-2:2010
		FTST16355	EN ISO 11925-2:2010

#### 3.2. Results

Test method	Parameter	Number of test	Results	
			Continuous parameter mean (m)	Compliance parameters
TS EN ISO 11925-2 Flame exposition: 30 s	$F_s \leq 150 \text{ mm}^{(1)}$	6	(-)	Yes
	ignition of filter paper <sup>(1)</sup>	6	(-)	No
	$F_s \leq 150 \text{ mm}^{(2)}$	6	(-)	Yes
	ignition of filter paper <sup>(2)</sup>	6	(-)	No
TS EN 13823	FIGRA <sub>0,4 MJ</sub> (W/s)	3	159,3	(-)
	LFS > kenar	3	(-)	No
	THR <sub>600 s</sub> (MJ)	3	8,3	(-)
	SMOGRA (m <sup>2</sup> /s <sup>2</sup> )	3	66,4	(-)
	TSP <sub>600 s</sub> (m <sup>2</sup> )	3	983,5	(-)
	Flaming droplet(s)/particle (s)	3	(-)	No

(-): Not applicable  
(1): Surface flame attack  
(2): Edge flame attack

Test method	Parameter	Parameter	Compliance parameters
TS EN ISO 11925-2	$F_s \leq 150 \text{ mm}$	Yes	Yes (B – D)
	ignition of filter paper	No	No (d0)
TS EN 13823	FIGRA <sub>0,2 MJ</sub> [W/s]	159,3	≤ 250 (C)
	THR <sub>600 s</sub> [MJ]	8,3	≤ 15 (C)
	LFS < kenar	(-)	Yes (C)
	SMOGRA [m <sup>2</sup> /s <sup>2</sup> ]	66,4	≤ 180 (s2)
	TSP <sub>600 s</sub> [m <sup>2</sup> ]	983,5	> 200 (s3)
	Flaming droplet(s)/particle (s)	None	No (d0)

(-): Not applicable



**4. CLASSIFICATION AND FIELD OF APPLICATION**

**4.1. Reference of classification**

This classification has been carried out in accordance with the clauses 11.6, 11.9.4 and 11.10.1 of EN 13501-1:2007+A1:2009

**4.2. Classification**

*BAUPLAST U-PVC PROFİLİ (905 SL)*, in relation to its reaction to fire behaviour is classified:

**C**

The additional classification in relation to smoke production is:

**s3**

The additional classification in relation to flaming droplets / particles is:

**d0**

The format of the reaction to fire classification for *BAUPLAST U-PVC PROFİLİ (905 SL)* is:

Fire behaviour		Smoke production			Flaming droplets	
C	-	s	3	,	d	0

**Reaction to fire classification: C-s3,d0**

**4.3. Field of application**

This classification are valid for the following product parameters:

Product name	Thickness (mm)	Upper surface width (mm)	PVC	
			Density (g/m <sup>3</sup> )	Consumption (g/m)
<i>BAUPLAST U-PVC PROFİLİ (905 SL)</i>	71	70	1,45	1235 ± 20



## 5. LIMITATIONS

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### 5.1. Restrictions

This classification report is valid provided that the technical specifications of product are within the limits in accordance with the field of application clause 4.3.

### 5.2. Warning

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

Signed:



Approved:

.....  
Gülden METE  
Person in the charge of tests

.....  
Ali BAYRAKTAR  
Laboratory Manager

TÜRKAK

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TURKISH ACCREDITATION AGENCY

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EFFECTİS ERA AVRASYA TEST VE BELGELENDİRME A.Ş.

TOSB TAYSAD Organize San. Böl. 1. CD. ,15. Yol No: 1

Şekerpınar – Çayırova, KOCAELİ

**DENEY RAPORU**

TEST REPORT

AB-0556-T

FTST16355

15.08.2016

**Müşterinin adı/adresi** : KOMPEN PVC YAPI VE İNŞ. MLZ. SAN. VE TİC. A.Ş.  
*Customer name/address* Konya- Afyon Karayolu 45. Km. Ladik Mevkii Sarayönü KONYA/TURKEY

**İstek numarası** : EEA-16-000428  
*Order No.*

**Numunenin adı ve tarifi** : BAUPLAST U-PVC PROFİLİ (905 SL)  
*Name and identity of test sample*

**Numunenin kabul tarihi** : 17.06.2016  
*The date of receipt of sample*

**Açıklamalar** :  
*Remarks*

**Deneyin yapıldığı tarih** : 25.07.2016  
*Date of test*

**Raporun sayfa sayısı** : 3  
*Number of pages of the Report*

**Türk Akreditasyon Kurumu(TÜRKAK) deney raporlarının tanınması konusunda Avrupa Akreditasyon Birliği(EA) ve Uluslararası Laboratuvar Akreditasyon Birliği(ILAC) ile karşılıklı tanınma antlaşmasını imzalamıştır.**

The Turkish Accreditation Agency(TURKAK) is signatory to the multilateral agreements of the European co-operation for the Accreditation(EA) and of the International Laboratory Accreditation(ILAC) for the Mutual recognition of test reports

**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



**Tarih**  
*Date*

15.08.2016

**Deney Sorumlusu**  
*Person in charge of test*

Gülden METE

**Laboratuvar Müdürü**  
*Laboratory Manager*

Ali BAYRAKTAR

Bu rapor, laboratuvarın yazılı izni olmadan kısmen kopyalanıp çoğaltılamaz.

İmzasız ve mühürsüz raporlar geçersizdir.

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FRI133/ REV00/12.01.2016

## TEST REPORT

on Fire and Technical Characteristics

Our ref.: EEA-16-000428

**Sponsor:** KOMPEN PVC YAPI VE İNŞ. MLZ. SAN. VE TİC. A.Ş.

Konya- Afyon Karayolu 45. Km. Ladik Mevkii Sarayönü KONYA/TURKEY

### TEST ITEM

**Product name :** BAUPLAST U-PVC PROFİLİ (905 SL)

**Manufacturing Plant :** KOMPEN PVC YAPI VE İNŞ. MLZ. SAN. VE TİC. A.Ş.

Konya- Afyon Karayolu 45. Km. Ladik Mevkii Sarayönü KONYA/TURKEY

**Composition :** U-PVC, CaCO<sub>3</sub>, CPE, TiO<sub>2</sub>, Ca-Zn stabilizer

**Appearance :** The white PVC profile has the thickness of 71 mm and upper surface width of 70 mm. The density of PVC profile is 1,45 g/m<sup>3</sup> and consumption of 1235 ± 20 g/m.

**Date of receipt of the sample:** 17.06.2016

**Sampling:** The samples were delivered by the sponsor

**Date of realization of tests:** 25.07.2016

**TEST METHOD:** EN ISO 11925 – 2:2010

**The flame application time:** 30 s

**Conditioning:** According to the EN 13238:2010, Article 4.3.c, (23 ± 2) °C and % (50 ± 5) relative humidity

### MEASURED VALUES AND THE TEST RESULTS

#### EDGE FLAME ATTACK

#### lengthwise

#### crosswise

Sample No.:

1 2 3

1 2 3

Ignition of the sample:

no no no

no no no

Reaching the mark [ s ]:

no no no

no no no

Ignition of the filter paper:

no no no

no no no

**Observation during the test:** No droplet was observed.

Bu rapor, laboratuvarın yazılı izni olmadan kısmen kopyalanıp çoğaltılamaz.

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**Conclusion:**

The test results relate to the behaviour of the test specimen of a product under the particular conditions of the test; they are not intended to be the sole criterion for assessing the potential fire hazard of the product of use. The results of tests are concerned only with the subject of testing.

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Bu rapor, laboratuvarın yazılı izni olmadan kısmen kopyalanıp çoğaltılamaz.

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