

5190243IB02**2019061704****Overall Rating / Test Sonucu :****M1 PASSED / M1 GEÇER****Report No/ Rapor No :****2019061704****Applicant/Deney Sahibi :****M.T. PLASTİK A.Ş.****Applicant Address / Adres :****1. OSB İstiklal Mah. 1. Cad. No:30/A Beykoz - DÜZCE****Contact Person / Yetkili :****Onur Simit****Contact Telephone / Telefon:****0380 553 80 08****Contact e-mail / E-Posta:****o.simit@mtplastech.com.tr****Sample Accepted on / Numune Tarihi :****11.06.2019 14:00****Report Date / Rapor Tarihi :****17.06.2019****Total number of pages / Rapor Sayfa :****(Pg/Syf)****Sample ID :****PVC FOAM NEO 10 mm**

	TEST	METHOD	SONUÇ
*	Fire Test to Building Material (M Rating)	NF P92-503	GEÇER
*	Fire Test to Building Material - Speed Of Spread of Flame Test	NF P92-504	GEÇER
*	Fire Test to Building Material - Dripping test	NF P92-505	GEÇER
*	Fire Safety - Building - Interior Fitting Materials - Classification According To Their Reaction To Fire	NF P92-507	GEÇER

This report can be used as a substitute for conformity to standards, and can be used in tenders and product brochures.

**Seal****Customer Representative**
Hasan KUTLU**Laboratory Manager**
Hava Sarıaydın

Test results, methods and other information about the sample shown in the relevant pages of this Report are based on the information specified in accordance with "Test Request Form (PR03-F01)" conveyed to us from the Applicant. Test results are valid for the sample as identified above. Sample may not represent the lot which it belongs. This Report does not replace a Product Certificate. Full report or any part of it may not be reproduced or used for any other purpose without the written permission of Azolab Laboratory. Sampling has not been done by us. Unsigned and unsealed Reports are invalid. Analysis as indicated with "*" are in the Scope of our Accreditation Certificate issued from TURKAK according to TS EN ISO/IEC 17025. Analysis as indicated with "***" are performed at the external laboratories using accredited test methods according to TS EN ISO/IEC 17025 from TURKAK. Possible extra notes may add with starting "N" to related pages. Tested and remaining samples will be kept in specified terms & conditions at test request and/or proposal form. Physically, chemically and microbiologically decomposed samples are discarded regardless of the storage period. Applicant can not claim any right in this regard. Results are shown in this Report do not include Measurement Uncertainty values. Measurement Uncertainty values are not taken in consideration during Pass/Fail assessment the of test results shown in this Report. Evaluation of the test results using Measurement Uncertainty values is the responsibility of the Applicant.

EUROLAB® (TÜRCERT TEKNİK KONTROL VE BELGELENDİRME A.Ş.)

It is prohibited to change any and all versions of this document in any manner whatsoever. In case of a conflict between the electronic version (e.g. PDF file) and the original paper version provided by EUROLAB®, the latter will prevail.

TÜRCERT Teknik Kontrol ve Belgelendirme A.Ş. disclaim liability for any direct, indirect, consequential or incidental damages that may result from the use of the information or data, or from the inability to use the information or data contained in this document.

The contents of this report may only be transmitted to third parties in its entirety and provided with the copyright notice,

prohibition to change, electronic versions' validity notice and disclaimer.

Parçalara bölünmesi de dahil fakat bununla sınırlı kalmamak üzere, her ne şekilde olursa olsun, herhangi bir biçimde işbu belgenin herhangi bir ve bütün versiyonlarının değiştirilmesi yasaktır ve elektronik versiyon (örn. PDF dosyası) ile EUROLAB® tarafından temin edilen kağıt versiyon arasında bir ihtilafın mevcut bulunması durumunda ise ikincisi geçerli olacaktır.

TÜRCERT Teknik Kontrol ve Belgelendirme A.Ş. işbu belgenin içinde ihtiva edilmekte olan bilgilerin veya verilerin kullanılmasından veya kullanılamamasından kaynaklanan herhangi bir doğrudan, dolaylı, arızı ve kazaen ortaya çıkan yükümlülükleri kabul etmemektedir.

İşbu raporun içerikleri üçüncü taraflara yalnızca tam olarak ve telif hakkı bildirimi, değiştirme yasağı temin edilmek suretiyle iletilebilir, bildirim ve tekzip bulunan elektronik versiyonlar geçerli olacaktır.

Environment / Ortam

The requirements and standards apply to equipment intended for use in / Ürüne uygulanan standartlar ve şartlar aşağıdaki ortamlar için geçerlidir:

X	Residential (domestic) environment / Ev ve benzeri ortam
X	Commercial and light-industrial environment / Ticari ve hafif-endüstriyel ortam
X	Industrial environment / Endüstriyel ortam
	Medical environment / Tıbbi ortam



RESULTS / SONUÇLAR

Reference : PVC FOAM 10 mm NEO composed of :

NF P 92-503 (1995) - "Electric burner "

French decree from 21 November 2002 - Reaction to fire tests on interior materials

End of tests:

- Sample thickness : 10 mm
- The test specimens have not been cleaned nor submitted to an accelerated ageing procedure.

Conditioning

minimum 7 days at $(23 \pm 2) ^\circ\text{C}$ and $(50 \pm 5) \% \text{RH}$ or until constant mass is achieved

ELECTRIC BURNER TEST

	Sample 1				Sample 2				Sample 3				Sample 4					
Orientation	Warp Front side				Warp Back				Weft Front side				Weft Back					
Piercing	No				No				No				No					
Lighting time (s)	15	—	—	—	15	—	—	—	15	—	—	—	15	—	—	—		
Duration of flaming after pilot flame removal(s)	3	—	—	—	—	—	—	—	3	—	—	—	—	—	—	—		
Spread of glowing dots beyond the char area	—				—				—				—					
Fall of flaming droplets or debris	No				No				No				No					
Melting behavior, fall of non- flaming molten drips	No				No				No				No					
Destroyed or burned lenght (mm)	190				196				180				180				Average lenght 186	

Ignition duration $\leq 5\text{s}$	Yes
Average Length $< 350 \text{ mm}$	Yes
Inflamed falling drippings	No



FLAME SPREAD TEST

	Sample 1	Sample 2	Sample 3	Sample 4
Color	Warp Front side	Warp Back	Weft Front side	Weft Back
Duration of flaming after ISO 6940 burner removal	No	No	No	No
Material's maximum duration of flaming inferior or equal to 2s	Yes			
Material's maximum duration of flaming inferior or equal to 5s	Yes			
Fall of not flaming molten drips	No	No	No	No
Fall of flaming molten drips	No	No	No	No

Each test has been carried out with a flame application time of 5s.

test	afterflame time (s)			
	test specimen			
	1	2	3	4
1	*	*	*	*
2	*	*	*	*
3	*	*	*	*
4	*	*	*	*

- * afterflame time ≤ 2 s
> 2 afterflame time > 2 s and ≤ 5 s
> 5 afterflame time > 5 s

flaming debris : no
non-flaming debris : yes



Reference : PVC FOAM 10 mm NEO composed of :

NF P 92-505 (1995) - "Test for melting materials"
French decree from 21 November 2002 - Reaction to fire tests on interior materials

End of tests:

- The test specimens have not been cleaned nor submitted to an accelerated ageing procedure.

Conditioning

minimum 7 days at $(23 \pm 2) ^\circ\text{C}$ and $(50 \pm 5) \% \text{RH}$ or until constant mass is achieved

face A/face B	first ignition (s)	non-flaming debris	flaming debris	ignition cotton wool
1	*	yes	no	no
2	*	yes	no	no
3	*	yes	no	no
4	*	yes	no	no

* no ignition

Conclusion :

M1

Overall Rating : PASS

**** End of Report ****

