

Overall Rating / Test Sonucu :**M1 PASSED / M1 GEÇER****Report No/ Rapor No :****2019052902****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 :****08.05.2019 : 11:40****Report Date / Rapor Tarihi :****15.05.2019****Total number of pages / Rapor Sayfa :****5 (Pg/Syf)****Sample ID :****PVC FOAM NEO 5 mm**

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

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 KUTLULaboratory 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.

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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 5 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: 29.05.2019**

- Sample thickness : 5 mm
- The test specimens have not been cleaned nor submitted to an accelerated ageing procedure.

Conditioning

minimum 7 days at (23 ± 2) °C and (50 ± 5) % 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)	185				230				165				180				Average lenght 180

Ignition duration ≤ 5s	Yes
Average Lenght < 350 mm	Yes
Inflamed falling drippings	No



FLAME SPREAD TEST

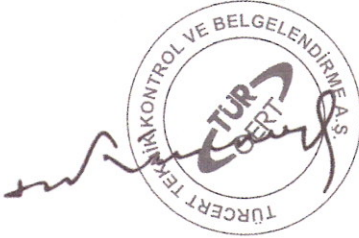
	Sample 1	Sample 2	Sample 3	Sample 4
Color	Warp Front side	Warp Back	Weft Front side	Weft Back
Duration of flaming after ISO 6940 burner removal	No	No	No	No
Material's maximum duration of flaming inferior or equal to 2s	Yes			
Material's maximum duration of flaming inferior or equal to 5s	Yes			
Fall 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 5 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: 28.05.2019

- 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 ****

