

## TEST REPORT

Job No./Report No TR2044386 Date:20 December 2021

MET KAGITCILIK SAN VE TIC AS  
AKÇABURGAZ MAH 1584 SOK NO:7 ESENYURT  
TEL: 05347993427

### To the attention of Cihan Üstündağ

The following sample(s) was (were) submitted and identified by/on behalf of the client as:

Sample No.	Sample Description
A	Paperboard / Cardboard Laminated with PET

Client's reference No. : TR 2044386  
 Manufacturer : MET KAĞITÇILIK SAN VE TIC A.Ş. / METPACK  
 Sample Receiving Date : 07 December 2021  
 Resubmit Date : 17 December 2021  
 Test Performing Period : 07 December 2021~20 December 2021

**Overall Conclusion** : **SEE RESULTS**

**Test Results** : Please refer to the next page(s).

**Performed Test Summary:** Selected test(s) as requested by client against Client's performance standard.

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Test Parameters	Result
<b>Physical tests</b>	<b>A</b>
FCM - Overall Migration of Total Non-volatile Substance in Plastic Materials - Simulant A (Ethanol 10%)	M
FCM - Overall Migration of Total Non-volatile Substance in Plastic Materials (95% Ethanol)	M
FCM - Overall Migration of Total Non-volatile Substance in Plastic Materials (Isooctane)	M

Remarks	M = Meets client's requirement
	F = Does not meet client's requirement
	I = Inconclusive
	* = No specified requirement
Notes:	Conclusions on meet/fail are based on the test result from the actual sampling of the received sample(s).
	Residual sample can be returned to client if requested.

The test results relate to the tested items only.  
Test reports without SGS seal and authorised signatures are invalid.

Issued in İstanbul  
Signed for and on behalf of  
SGS Supervise Gözetme Etüd Kontrol Servisleri A.Ş.

Mert Kurtuluş Customer Services Supervisor	Bora Şirinbilek Hardline & CPCH Testing Services Manager
	

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Unless otherwise requested SGS applies shared risk decision rule.

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested. Unless further specified in an individual contract the sample(s) retention time is 30 days."

In this Test Report tests marked (1) are included in the IAS Accreditation Scope of this Laboratory.

## TEST REPORT

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### Component List / List of Materials for Chemical Test

Sample No.	Sample Description	Material No.	Component	Material	Colour
A	Pet paper	A1	Pet main	Plastic	White

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## TEST REPORT

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### Testing as per Commission Regulation (EU) No 10/2011<sup>1</sup>

Plastic – Overall migration

Method: With reference to Commission Regulation (EU) No 10/2011 of 14 January 2011 Annex III and Annex V for selection of condition and EN 1186-1:2002 for selection of test methods (1<sup>st</sup> Migration); EN 1186-9:2002 aqueous food simulants by article filling

Simulant Used	Test Condition	Result (mg/dm <sup>2</sup> )	Reporting Limit (mg/dm <sup>2</sup> )	Permissible Limit (mg/dm <sup>2</sup> )
		<b>A1</b> 1 <sup>st</sup> migration		
10% Ethanol (V/V) Aqueous Solution	2 hours at 100 °C	6,23	3.0	10
<b>Conclusion</b>	--	<b>PASS</b>	--	--

Note : 1. mg/dm<sup>2</sup> = milligram per square decimeter

2. °C = degree Celsius

3. ND = Not Detected

4. Permissible Limit is according to Commission Regulation (EU) No 10/2011 of 14 January 2011 with amendments.

#### Remark:

1. Analytical tolerance of aqueous simulants is 2mg/dm<sup>2</sup>.
2. Test condition & simulant were specified by client.

## TEST REPORT

Job No./Report No TR2044386

Date:20 December 2021

### Testing as per Commission Regulation (EU) No 10/2011<sup>1</sup>

Plastic – Overall migration

Method: With reference to Commission Regulation (EU) No 10/2011 of 14 January 2011 Annex III and Annex V for selection of condition and EN 1186-1:2002 for selection of test methods (1<sup>st</sup> Migration); EN 1186-14:2002 substitute test.

Simulant Used	Test Condition	Result (mg/dm <sup>2</sup> )	Reporting Limit (mg/dm <sup>2</sup> )	Permissible Limit (mg/dm <sup>2</sup> )
		<b>A1</b> 1 <sup>st</sup> migration		
95% Ethanol	2 hours at 100 °C	4,24	3.0	10
<b>Conclusion</b>	--	<b>PASS</b>	--	--

Note : 1. mg/dm<sup>2</sup> = milligram per square decimeter

2. °C = degree Celsius

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		<b>A1</b> 1 <sup>st</sup> migration		
Isooctane	2 hours at 100 °C	6,7	3.0	10
<b>Conclusion</b>	--	<b>PASS</b>	--	--

Note : 1. mg/dm<sup>2</sup> = milligram per square decimeter

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\* \* \* End of Test Report \* \* \*

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