INSPECTION REPORT

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05.08.2025	

EUROLAB LABORATUVAR A.Ş.

EUROLAB® Inspection & Testing Laboratory

Report No/ Rapor No :	2025080589
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Sample ID : **PVC Tablecloth**

	TEST / INSPECTION	DIRECTIVE	METHOD	RESULT
*	**MIGRATION TEST**	**The General Product Safety Directive (GPSD) (2001/95/EC)**	**EN 10/2011 Regulation Directive**	See Table

NOTE: This test/inspection result replaces the conformity assessment, can be presented to official institutions, and used in products and brochures.

EUROLAB LABORATORY SERVICES APPROVED

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EU 10/2011- On Plastic Materials And Articles Intended To Come Into Contact With Food

Scope

This Regulation establishes specific requirements for the manufacture and marketing of plastic materials and articles. The principle of method based on the gravimetric and quantitative determination of non-volatile articles in plastic materials.

Test Procedure

Plastic materials are kept in aqueous food simulant solutions (aqueous, acidic, alcoholic) and left to evaporate in the oven in line with its conditioning measures. Whether articles passing plastic materials into the solution is detected. Analyses are performed one by one according to desired test type.

Food Simulants

Food simulants comply with plastic materials and articles not yet in contact with food are listed in Table 1.

Table 1: Food Simulants

Food Type	General Classification	Food Simulant	Abbreviation
Aqueous Foods (e.g. aqueous foods with a pH> 4.5)	In the "Turkish Food Codex Declaration on the List of Similar Foodstuffs Used for Migration Testing of Components of Plastic Materials in Contact with Foodstuffs", only foodstuffs in which simulant A is used are included.	10% Ethyl Alcohol Solution	Simulant A
Acidic Foods (e.g. aqueous food with a pH<4,5)	In the "Turkish Food Codex Declaration on the List of Similar Foodstuffs Used for Migration Testing of Components of Plastic Materials in Contact with Foodstuffs", only foodstuffs in which simulant B is used are included.	3% Acidic Acid (Weight/Volume)	Simulant B
Foods with an alcohol content of 20 % and oil-in-water emulsions	In the "Turkish Food Codex Declaration on the List of Similar Foodstuffs Used for Migration Testing of Components of Plastic Materials in Contact with Foodstuffs", only foodstuffs in which simulant C is used are included.	20% Ethyl Alcohol Solution	Simulant C
Foods with an alcohol content of bigger than 20 % and oil-in-water emulsions	In the "Turkish Food Codex Declaration on the List of Similar Foodstuffs Used for Migration Testing of Components of Plastic Materials in Contact with Foodstuffs", only foodstuffs in which simulant D1 A is used are included.	50% Ethyl Alcohol Solution	Simulant D1

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Foods with free fat on the surface	In the "Turkish Food Codex Declaration on the List of Similar Foodstuffs Used for Migration Testing of Components of Plastic Materials in Contact with Foodstuffs", only foodstuffs in which simulant D2 is used are included.	Vegetable Oil	Simulant D2
Dry foods	In the "Turkish Food Codex Declaration on the List of Similar Foodstuffs Used for Migration Testing of Components of Plastic Materials in Contact with Foodstuffs", only foodstuffs in which simulant E is used are included.	Poly (2,6-diphenyl-p-phenylene oxide) (particle size 60-80 mesh, pore size 200 nm)	Simulant E

Conditioning

Duration of Exposure to Food Simulant	Temperature
0.5 h	**40°C**

Migration Test

Overall Migration Limit Test (OMLT)

According to Turkish Food Codex Regulation article 8, passing plastic materials and articles into the food simulants can not exceed the 10 mg per 1 dm^2 of surface (10 mg/dm^2) come into contact with food.
Total migration amount in test test specimens is calculated in line with below formula as (mg / dm^2).

$$M = \frac{(ma - mb)x\ 1000}{S}$$

M = substance amount pass sample surface into the food simulant, mg / dm^2
m_a = measured substance amount after conditioning, g
m_b = measured substance amount before conditioning, g
S = surface area of substance come into contact with food simulant, dm^2

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Test Result

Food Simulant	Test Condition	Overall Migration Limit (mg/dm²)	Result
10% Ethanol (A)	0.5 h, 40°C	<10 mg/dm²	PASS
3% Acidic acid aqueous solution (B)	0.5 h, 40°C	<10 mg/dm²	PASS
20% Ethyl alcohol solution (C)	0.5 h, 40°C	<10 mg/dm²	PASS
50% Ethyl alcohol solution (D1)	0.5 h, 40°C	<10 mg/dm²	PASS
Vegetable Oil (D2)	0.5 h, 40°C	<10 mg/dm²	PASS
Poly(2,6-diphenyl-p-phenylene oxide) (particle size 60-80 mesh, pore size 200 nm)	0.5 h, 40°C	<10 mg/dm²	PASS

Sample Image

*** End of Report ***

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