

Tiekėjas		UAB „Viljandi prekyba“, Ateities pl. 28, 52181 Kaunas	
Produktai, kuriems taikoma ši deklaracija		Poliolefino (POF) susitraukianti plėvelė (skaidri)	 
Produktas atitinka reikalavimus, nustatytus: - Reglamente (ES) Nr. 10/2011 (su visais pakeitimais) - Reglamente (EB) Nr. 1935/2004 (su visais pakeitimais) 3, 15 ir 17 str.			
Poliolefino (POF) susitraukianti plėvelė gaminama iš monomerų, kitų pradinių medžiagų ir priedų, įtrauktų į Reglamente (ES) Nr. 10/2011 nurodytą Sąjungos sąrašą. Atliktas rizikos vertinimas pagal Reglamento (ES) Nr. 10/2011 19 str. <i>Produkte nėra dvigubos paskirties priedų ar kvapiųjų medžiagų.</i>			
Informacija dėl cheminių medžiagų, kurioms taikomi apribojimai ir (ar) specifikacijos			
Atitiktis suminei išsiskyrimo ribinei vertei (OML)		OML yra mažesnis nei 10 mg/dm ² , nustatyta taikant Reglamente (ES) Nr. 10/2011 nurodytas išsiskyrimo tyrimo taisykles (maistiniai modeliniai tirpalai, kuriuose atliktas tyrimas: A, B ir D2, OM6 bandymų sąlygomis). Pageidaujant, gali būti pateikti patvirtinantys dokumentai.	
Identifikacinis Nr.	Cheminis pavadinimas	Taikytina konkreči išsiskyrimo ribinė vertė (SML)	Tyrimo rezultatai (arba apskaičiuota išsiskyrimo ribinė vertė)
00115	Acto rūgštis	10 mg/dm ²	Šių medžiagų SML nebus viršyta, darant prielaidą, kad 1 kg maisto liečiasi su 6 dm ² kontaktinio paviršiaus
-	Etanolis	10 mg/dm ²	
-	Augalinis aliejus	10 mg/dm ²	
-	Baris	1 mg/kg	
-	Kobaltas	0,05 mg/kg	
-	Varis	5 mg/kg	
-	Geležis	48 mg/kg	
-	Litis	0,6 mg/kg	
-	Manganas	0,6 mg/kg	
-	Cinkas	5 mg/kg	
Naudojimo specifikacijos			
- Su medžiaga ar gaminiu galinčio liestis maisto produkto rūšis ar rūšys Skirta liestis su visų rūšių maisto produktais. - Apdorojimo laikas ir temperatūra bei laikymo liečiantis su maistu reikalavimai Laikyti esant kambario temperatūrai. Nelaikyti arti atviros liepsnos, šilumos ar užsidegimo šaltinių. Saugoti nuo tiesioginių saulės spindulių. Netinka šildyti mikrobangų krosnelėje ar orkaitėje. - Besiliečiančio su maisto produktu paviršiaus ploto ir kiekio, naudojamo nustatyti medžiagos ir gaminio atitiktį, santykis Atitikčiai nustatyti tyrimai atlikti sąlygomis, nurodytomis Reglamente (ES) Nr. 10/2011, taikant paviršiaus ploto ir kiekio santykį (s/v) 6 dm ² kilogramui maisto.			
Funkcinis barjeras		Nėra funkcinio barjero.	

Direktorius



Rolandas Kukcinavičius

Test Report

No.: SHAEC23021806901_1

Date: Jan 19, 2024

Page 1 of 6

Client Name: Jiangsu Libin Advanced Material Technology Co., Ltd

Client Address: No.8 Haichuan Road, High-tech Industrial Development District, Dongtai City, Jiangsu Province, China

Sample Name: Polyolefin heat shrinkable film

Client Ref. Information: LB-A, LB-B, LB-L, LB-M, LB-H

The above sample(s) and information were provided by the client.

THIS REPORT IS TO SUPERSEDE TEST REPORT NO.SHAEC23021806901, DATE: Jan 17, 2024.

SGS Job No.: CQ10044655

Sample Receiving Date: Dec 28, 2023

Testing Period: Dec 28, 2023 ~ Jan 17, 2024

Test Requested: Select test(s) as requested by the client.

Test Method(s): Please refer to next page(s).

Test Result(s): Please refer to next page(s).

	Test Requirement	Comment
1	Regulation (EC) No 1935/2004 of the European Parliament and of the Council of 27 October 2004, (EU) No 10/2011 and its amendment (EU) 2020/1245 Regulation - Overall Migration	Pass
2	Regulation (EC) No 1935/2004 of the European Parliament and of the Council of 27 October 2004, (EU) No 10/2011 and its amendment (EU) 2020/1245 Regulation - Specific migration of heavy metals	Pass
3	Regulation (EC) No 1935/2004 of the European Parliament and of the Council of 27 October 2004, (EU) No 10/2011 and its amendment (EU) 2020/1245 Regulation - Specific migration of primary aromatic amine (individual)	Pass
4	Regulation (EC) No 1935/2004 of the European Parliament and of the Council of 27 October 2004, (EU) No 10/2011 and its amendment (EU) 2020/1245 Regulation - Specific migration of primary aromatic amine (total)	Pass
5	Regulation (EC) No 1935/2004 of the European Parliament and of the Council of 27 October 2004 - Sensorial examination odour and taste test	Pass

Signed for and on behalf of
SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd.

Carol Luo

Approved Signatory

scan to see the report



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Test Report

No.: SHAEC23021806901_1

Date: Jan 19, 2024

Page 2 of 6

Test Result(s):

Test Part Description:

SN ID	Sample No.	SGS Sample ID	Description	Material (claimed by the client)
SN1	A1	SHA23-0218069-0001.C001	Transparent plastic film	TERPP, LLDPE

Remarks:

- (1) mg/dm² = milligram per square decimeter
mg/inch² = milligram per square inches
μg/cm² = microgram per square centimeter
mg/L = milligram per litre
mg/kg = milligram per kilogram
- (2) °C = degree Celsius
°F = degree Fahrenheit
- (3) <= less than
- (4) RL = Reporting Limit
- (5) ND = Not Detected (< RL).

The ratio of surface area to volume

Sample No	Overall Migration	Specific Migration
A1	10.0 dm ² /kg	6.0 dm ² /kg

Regulation (EC) No 1935/2004 of the European Parliament and of the Council of 27 October 2004, (EU) No 10/2011 and its amendment (EU) 2020/1245 Regulation - Overall Migration

Test 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;
EN 1186-3:2022 Test methods for overall migration in evaporable simulants
EN 1186-2:2022 Test methods for overall migration in vegetable oils

Test Condition				
	10% Ethanol(V/V)	20% Ethanol(V/V)	3% Acetic acid (W/V)	Rectified olive oil
A1	40°C, 10 days	40°C, 10 days	40°C, 10 days	40°C, 10 days

Simulant used	Limit	Unit(s)	RL	A1 (1 st Migration)	Comment
10% Ethanol(V/V)	10	mg/dm ²	3.0	ND	Pass
20% Ethanol(V/V)	10	mg/dm ²	3.0	ND	Pass
3% Acetic acid (W/V)	10	mg/dm ²	3.0	ND	Pass
Rectified olive oil	10	mg/dm ²	3.0	ND	Pass

Notes:

- (1) Analytical tolerance of evaporable simulants is 2 mg/dm² or 12 mg/kg, analytical tolerance of olive oil simulant is 3 mg/dm² or 20 mg/kg.
- (2) Test condition & simulant were specified by client.



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Test Report

No.: SHAEC23021806901_1

Date: Jan 19, 2024

Page 3 of 6

(3) A material or article with overall migration result that exceeds the overall migration limit by an amount not exceeding the analytical tolerance, shall be deemed to be in compliance with the overall migration limit.

**Regulation (EC) No 1935/2004 of the European Parliament and of the Council of 27 October 2004,
(EU) No 10/2011 and its amendment (EU) 2020/1245 Regulation - Specific migration of heavy metals**

Test Method: With reference to EN 13130-1:2004, analysis was performed by ICP-OES/ICP-MS.

Simulant	Test Condition
	A1
3% Acetic acid (W/V)	40°C, 10 days

Test Item(s)	Limit	Unit(s)	RL	A1
3% Acetic acid (W/V)				
Migration times				First
Arsenic(As)	ND	mg/kg	0.01	ND
Cadmium(Cd)	ND	mg/kg	0.002	ND
Chromium(Cr)	ND	mg/kg	0.01	ND
Mercury(Hg)	ND	mg/kg	0.01	ND
Lead(Pb)	ND	mg/kg	0.01	ND
Aluminium(Al)	1	mg/kg	0.1	ND
Barium(Ba)	1	mg/kg	0.25	ND
Cobalt(Co)	0.05	mg/kg	0.01	ND
Copper(Cu)	5	mg/kg	0.25	ND
Iron(Fe)	48	mg/kg	5	ND
Lithium(Li)	0.6	mg/kg	0.1	ND
Manganese(Mn)	0.6	mg/kg	0.1	ND
Zinc(Zn)	5	mg/kg	0.5	ND
Nickel (Ni)	0.02	mg/kg	0.01	ND
Antimony(Sb)	0.04	mg/kg	0.01	ND
Europium(Eu)	-	mg/kg	0.025	ND
Gadolinium(Gd)	-	mg/kg	0.025	ND
Lanthanum(La)	-	mg/kg	0.025	ND
Terbium(Tb)	-	mg/kg	0.025	ND
Europium (Eu)+ Gadolinium(Gd)+ Lanthanum(La)+ Terbium(Tb)	0.05	mg/kg	-	ND
Comment				Pass

Notes:

(1) Test condition & simulant were specified by client.

**Regulation (EC) No 1935/2004 of the European Parliament and of the Council of 27 October 2004,
(EU) No 10/2011 and its amendment (EU) 2020/1245 Regulation - Specific migration of primary
aromatic amine (individual)**

Test Method: With reference to EN 13130-1:2004, analysis was performed by LC-MS-MS.



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Test Report

No.: SHAEC23021806901_1

Date: Jan 19, 2024

Page 4 of 6

Simulant	Test Condition
3% Acetic acid (W/V)	A1 40°C, 10 days

Test Item(s)	CAS No.	Limit	Unit(s)	RL	A1
3% Acetic acid (W/V)					
Migration times					First
2,4,5-Trimethylaniline	137-17-7	ND	mg/kg	0.002	ND
2,4-Toluenediamine (2,4-TDA)	95-80-7	ND	mg/kg	0.002	ND
2-Methoxy-5-methylaniline	120-71-8	ND	mg/kg	0.002	ND
3,3'-Dimethylbenzidine	119-93-7	ND	mg/kg	0.002	ND
4,4'-Diaminodiphenyl ether	101-80-4	ND	mg/kg	0.002	ND
4,4'-Methylenedianiline	101-77-9	ND	mg/kg	0.002	ND
4,4'-Methylenedi-o-toluidine	838-88-0	ND	mg/kg	0.002	ND
4-Aminobiphenyl	92-67-1	ND	mg/kg	0.002	ND
4-Chloroaniline	106-47-8	ND	mg/kg	0.002	ND
4-Chloro-o-toluidine	95-69-2	ND	mg/kg	0.002	ND
4-Methoxy-m-phenylenediamine	615-05-4	ND	mg/kg	0.002	ND
Benzidine	92-87-5	ND	mg/kg	0.002	ND
o-Anisidine	90-04-0	ND	mg/kg	0.002	ND
o-Toluidine	95-53-4	ND	mg/kg	0.002	ND
2-Naphthylamine	91-59-8	ND	mg/kg	0.002	ND
o-Aminoazotoluene	97-56-3	ND	mg/kg	0.002	ND
3,3'-Dichlorobenzidine	91-94-1	ND	mg/kg	0.002	ND
3,3'-Dimethoxybenzidine	119-90-4	ND	mg/kg	0.002	ND
4,4'-Methylene-bis-(2-chloro-aniline)	101-14-4	ND	mg/kg	0.002	ND
4,4'-Thiodianiline	139-65-1	ND	mg/kg	0.002	ND
4-Amino azobenzene	60-09-3	ND	mg/kg	0.002	ND
1,3-Phenylenediamine	108-45-2	ND	mg/kg	0.002	ND
2-Amino-4-nitrotoluene	99-55-8	ND	mg/kg	0.002	ND
Comment	Pass				

Notes:

(1) Test condition & simulant were specified by client.

Regulation (EC) No 1935/2004 of the European Parliament and of the Council of 27 October 2004, (EU) No 10/2011 and its amendment (EU) 2020/1245 Regulation - Specific migration of primary aromatic amine (total)

Test Method: With reference to EN 13130-1:2004, analysis was performed by UV-Vis.

Simulant	Test Condition
3% Acetic acid (W/V)	A1 40°C, 10 days

Test Item(s)	Limit	Unit(s)	RL	A1
3% Acetic acid (W/V)				
Migration times				First



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Test Report

No.: SHAEC23021806901_1

Date: Jan 19, 2024

Page 5 of 6

Test Item(s)	Limit	Unit(s)	RL	A1
Specific migration of primary aromatic amine	0.01	mg/kg	0.002	ND
Comment				Pass

Notes:

(1) Test condition & simulant were specified by client.

Regulation (EC) No 1935/2004 of the European Parliament and of the Council of 27 October 2004 - Sensorial examination odour and taste test

Test Method: With reference to DIN 10955: 2023.
No. of panelist: 6

Test Media	Test Condition
	A1
Distilled water	40°C, 240 hrs

Test Item(s)	Limit	Unit(s)	A1
Area/Volume	-	dm ² /kg	10.0
Sensorial examination odour	2.5	-	0
Sensorial examination taste	2.5	-	0
Comment			Pass

Notes:

Intensity scale (rounded at 0.5):

- 0 – no perceptible difference
- 1 – just perceptible difference
- 2 – slight difference
- 3 – marked difference
- 4 – strong difference

This report added Client Ref. Information.

Unless otherwise stated, the decision rule for conformity reporting is based on Binary Statement for Simple Acceptance Rule (w=0) stated in ILAC-G8:09/2019.



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Test Report

No.: SHAEC23021806901_1

Date: Jan 19, 2024

Page 6 of 6

Sample Photo:



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