

PPHU ARTDAM Adam Bazan

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DECLARATION OF COMPLIANCE

We hereby declare that:

- On the basis of our own documentation and documentation provided by our suppliers, the product sold by us, PET - packaging material, meets the requirements for materials and articles intended to come into contact with food and food fats.
- Packaging products are manufactured in accordance with good manufacturing practice and does not release into food substances they are made of in such quantities that could:
 - a) constitute a threat to human health
 - b) cause adverse changes in the composition of food
 - c) result in a deterioration of its organoleptic characteristics

We confirm that PET (0.50/540/6-BZ-RPET) film product meet the requirements of the law:

- * Commission Regulation (EU) 2018/831 of 5th July 2018 amending and correcting Regulation (EU) No 10/2011 on plastic materials and articles intended to come into contact with food and all previous updates Regulation (EU) No 10/2011.
- * Regulation (EC) No 1935/2004 of the European Parliament and of the Council of 27th October 2004 on materials and articles intended to come into contact with food and repealing Directives 80/590/EEC and 89/109 / EEC with further amendments.
- * Commission Regulation (EC) No 2023/2006 of 22nd December 2006 on good manufacturing practice for materials and articles intended to come into contact with food with all the amendments up to the date of issuing this declaration.
- * Directives 94/62 / EC of the European Parliament and of the Council of 20th December 1994 on packaging and packaging waste as amended, regarding the content of heavy metals – the sum of the content of lead, cadmium, mercury and chrome hexavalent is not higher than 100 mg/kg.
- * Commission Directive (EC) No 1895/2005 of 18th November 2005 on the restriction of use of certain epoxy derivatives in materials and articles intended to come into contact with food
- * The Act of 25th August 2006 on food and nutrition safety (Journal of Laws 2006 No. 171, line 1255), including all the amendments up to the date of issuing this declaration Journal of Laws 2015, line 594.
- * Commission Regulation (EC) No 282/2008 of 27th March 2008 on materials and products of plastics coming from recycling destined to contact with food and amending Regulation (EC) No 2023/2006.
- * The Act of 13th June 2013 on management of packaging and packaging waste (Journal of Laws 2013 line 888 with further amendments and complements).

The overall migration limit

On the basis of our own analysis, we ensure, that the film which we are producing meets the requirements of global migration (OML), which is a maximum of 10 mg / dm².

Dual-use additives (DU)

On the basis of our suppliers' declarations, we inform, according with the records of the Commission Regulation (EC) 10/2011 of 14.01.2017 on materials and plastic products destined to contact with food, that the additives which are used in production of PET film (optical brightener, antiblocking, dyes) contain trace amounts of dual-use additive – phosphoric acid (E 338).

**Time and processing temperature and storage in contact with food:**

Time and processing temperature and storage in contact with food include each time of storage in conditions of cooling and freezing, including heating till 70° C not longer than 2 hours or heating till 100° C and not longer than 15 minutes.

This product cannot be used for production of packaging which has its application for heating food in microwave ovens.

Ratio of food contact surface area to volume used to establish the compliance of the material or article: 6 dm² for 1 kg of food**Information on substances with a global migration limit**

Based on the results of the research conducted, we declare, that the limits in the above mentioned film are not exceeded.

Type of research	Test method	Model fluid	Parameters	Unit	Result of a measurement	Standard	Parameter compliant / incompatible
Global migration - model liquid A	PN-EN 1186-1:2005	10% ethanol	10 days in 40 degrees Celsius	mg/dm ²	0,8 (0,8; 0,8; 0,9)	≤ 10	compliant
Global migration - model liquid B	PN-EN 1186-1:2005	3% acetic acid	10 days in 40 degrees Celsius	mg/dm ²	< 0,5 (0,0; 0,2; 0,4)	≤ 10	compliant
Global migration - model liquid D2	PN-EN 1186-1:2005	olive oil	10 days in 40 degrees Celsius	mg/dm ²	< 5,0 (2,9; 2,3; 1,6)	≤ 10	compliant

Information on substances with specific migration limit

Based on the results of the research conducted, we declare, that the limits in the above mentioned film are not exceeded.

We rely on our suppliers' declarations, comprising a list of the substances contained in the raw materials supplied to us, for which there was established a specific migration limit of PET preforms.

It is a subject to the following specific migration limits, their summary being based on the declaration of our raw material suppliers.

SPECIFIC MIGRATION (GLYCOL)				Method: PN-EN 13130-1:2006; PN-EN 13130-7:2008			
Name of the substance	CAS number	Model fluid	Parameters	Unit	Result	Standard	Parameter compliant / incompatible
Ethylene glycol; reference no. 16990, 53650	107-21-1	95% ethanol	10 days in 60 degrees Celsius	mg/kg	< 2	≤ 30 (2)	compliant
diethylene glycol; reference no. 13326, 15760, 47680	111-46-6	95% ethanol	10 days in 60 degrees Celsius	mg/kg	< 2	≤ 30 (2)	compliant
SPECIFIC MIGRATION (TEREFTAL AND IO-METALIC ACID)				Method: PN-EN 13130-1:2006; PN-EN 13130-2:2007			
Name of the substance	CAS number	Model fluid	Parameters	Unit	Result	Standard	Parameter compliant / incompatible
Terephthalic acid; reference no. 24910	-	95% ethanol	10 days in 60 degrees Celsius	mg/kg	< 0,5	≤ 7,5 (28)	compliant
Isophthalic acid; reference no. 119150	-	95% ethanol	10 days in 60 degrees Celsius	mg/kg	< 0,5	≤ 5 (27)	compliant
SPECIFIC MIGRATION (ANTIMONY TRIOXIDE)				Method: PB-204/ICP wyd. IV z dn. 15.09.2017			
Name of the substance	CAS number	Model fluid	Parameters	Unit	Result	Standard	Parameter compliant / incompatible
Antimony trioxide; reference no. 35760	1309-64-4	3% acetic acid	10 days in 60 degrees Celsius	mg/kg	< 0,0030	≤ 0,04	compliant
SPECIFIC MIGRATION (ACETALDEHYDE)				Method: HPLC			
Name of the substance	CAS number	Model fluid	Parameters	Unit	Result	Standard	Parameter compliant / incompatible
Acetaldehyde; reference no. 110060	75-07-0	3% acetic acid	10 days in 60 degrees Celsius	mg/kg	0,32±0,04	≤ 6	compliant



SPECIFIC MIGRATION SUBSTANCES ADDED NECIOUSLY (NIAS)				Method: PB-308/GC 3rd edition of 15/05/2017			
Name of the substance	CAS number	Model fluid	Parameters	Unit	Result	Standard	Parameter compliant / incompatible
Nonanoic acid 9-oxo-, ethyl ester (RT 16.5 min)	3433-16-7	95% ethanol	10 days in 60 degrees Celsius	mg/kg	0,01	-	-
1,4-Benzenedicarboxylic acid, ethyl methyl ester (RT 17.5 min)	22163-52-6	95% ethanol	10 days in 60 degrees Celsius	mg/kg	0,02	-	-
1,3-Benzenedicarboxylic acid, diethyl ester (RT 18.4 min)	636-53-3	95% ethanol	10 days in 60 degrees Celsius	mg/kg	0,05	-	-
Hexadecanoic acid, methyl ester (RT 21.1 min)	112-39-0	95% ethanol	10 days in 60 degrees Celsius	mg/kg	0,02	-	-
Isophtalic acid, ethyl 3-pentyl ester (RT 21.3 min)	1000343-99-8	95% ethanol	10 days in 60 degrees Celsius	mg/kg	0,04	-	-
Hexadecanoic acid, ethyl ester (RT 21.9 min)	628-97-7	95% ethanol	10 days in 60 degrees Celsius	mg/kg	0,07	-	-
Hexadecanoic acid, ethyl ester (RT 21.9 min)	628-97-7	95% ethanol	10 days in 60 degrees Celsius	mg/kg	0,07	-	-
Methyl stearate (RT 23.2 min)	112-61-8	95% ethanol	10 days in 60 degrees Celsius	mg/kg	0,01	-	-
(E)-9-Octadecenoic acid ethyl ester (RT 23.6 min)	6114-18-7	95% ethanol	10 days in 60 degrees Celsius	mg/kg	0,01	-	-
Octadecenoic acid ethyl ester (RT 23.8 min)	111-61-5	95% ethanol	10 days in 60 degrees Celsius	mg/kg	0,05	-	-

Limits to materials and products

The foil which we are producing does not release the below mentioned elements in quantities which exceed the specific migration limits.

Chemical element	CAS number	Unit	Result	Standard	Parameter compliant /
Antimony	7440-36-0	mg/kg	< 0,05	≤ 560	compliant
Arsenic	7440-38-2	mg/kg	< 0,05	≤ 47	compliant
Barium	7440-39-3	mg/kg	< 5,0	≤ 18750	compliant
Cadmium	7440-43-9	mg/kg	< 0,05	≤ 17	compliant
Total chromium	7440-47-3	mg/kg	< 0,02	-	-
Lead	7439-92-1	mg/kg	< 0,05	≤ 23	compliant
Mercury	7439-97-6	mg/kg	< 0,05	≤ 94	compliant
Selenium	7782-49-2	mg/kg	< 0,50	≤ 460	compliant
Aluminum	7429-90-5	mg/kg	< 5,0	≤ 70000	compliant
Boron	7440-42-8	mg/kg	< 5,0	≤ 15000	compliant
Cobalt	7440-48-4	mg/kg	< 0,05	≤ 130	compliant
Copper	7440-50-8	mg/kg	< 0,50	≤ 7700	compliant
Manganese	7440-43-9	mg/kg	< 0,50	≤ 15000	compliant
Nickel	7440-02-0	mg/kg	15,7	≤ 930	compliant
Strontium	7440-24-6	mg/kg	< 5,0	≤ 56000	compliant
Tin total	7440-31-5	mg/kg	< 0,20	≤ 180000	compliant
Zinc	7440-66-6	mg/kg	< 5,0	≤ 46000	compliant



The above mentioned film does not release the aromatic amines into food or food simulant in detectable amount.

The present declaration of conformity keeps its validity 12 months from the date of issue, unless there will be circumstances which cause the amendment of records of this declaration, for example the amendment of legal regulations or changing in technology which can have an impact on change of the product's property.

Magdalena Molik

M. Molik

.....**Kontrola Jakości.**

Quality control specialist

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