PLAST BOX

DECLARATION OF COMPLIANCE

for plastic containers with lid, all shapes, colours, capacity from 0,15L to 33L

1. **Name and address of manufacturer:**

   Przetwórstwo Tworzyw Sztucznych „Plast-Box" S.A.

   ul. Lutosławskiego 17A

   76-200 Słupsk

   Polska

2. **Date of publication of the declaration: 20.05.2024**

3. **The identity of the materials intended for the manufacturing and finished products.**

   PTS „PLAST-BOX" S.A. confirms that all packaging that we deliver as well as materials used for their production which are used as food packaging for direct and indirect food contact are suitable as food packaging according to Article 1 of Framework Regulation (EC) No. 1935/2004. There are:

Packaging	Plastic containers with lid and handle, all shapes and colours capacity from 0,15l to 33l
Description of the material, products and substances intended for the manufacturing.	▪ Polypropylene, ▪ Colouring masterbatches, ▪ Slippery-antistatic concentrates.

4. **Confirmation of products meeting requirements.**

   Plastic containers meet requirements detailed in:

   1) Act from 25 August 2006 about food safety (Dz. U. 171 poz. 1225, with later changes).
   2) Act from 13 June 2013 about packaging and waste disposal (Dz. U. 2013 poz. 888).
   3) Regulation (EC) No 1935/2004 of European Parliament and Council from 27 October 2004 considering materials and products having contact with food and repealing directives 80/590/EWG and 89/109/EWG, in particular:
      a) Article 3 – products are manufactured according to Good Manufacturing Practice,
      b) Article 11 – introduction of new substances will take place after receiving union permission,
      c) Article 15 – marketed products are marked properly,
      d) Article 17 – marketed products are identified and tracking process of materials and products is provided.
   4) Commission Regulation (EU) No 10/2011 of 14 January 2011 on plastic materials and articles intended to come into contact with food with later changes (Commission Implementing Regulation (EU) No 321/2011, Commission Regulation (EU) No 1282/2011, Commission Regulation (EU) No 1183/2012, Commission Regulation (EU) No 202/2014, Commission Regulation (EU) No 865/2014, Commission Regulation (EU) No 2015/174, Commission Regulation (EU) No 2016/1416, Commission Regulation (EU) No 2017/752,

Commission Regulation (EU) No 2018/79, Commission Regulation (EU) No 2018/213, Commission Regulation (EU) No 2018/831, Commission Regulation (EU) No 2019/37, Commission Regulation (EU) No 2019/998, Commission Regulation (EU) No 2019/1338, Commission Regulation (EU) No 2020/1245, Commission Regulation (EU) No 2023/1442, Commission Regulation (EU) No 2023/1627.

5) European Parliament and Council Directive 94/62/EC of 20 December 1994 about packaging and waste disposal (with later changes).

6) Commission Regulation (EC) No 2023/2006 of 22 December 2006 on good manufacturing practice for materials and articles intended to come into contact with food.

5. Based on the manufacturers' declarations, we inform that for the production of containers are used substances, for which the law specifies the allowed specific migration limit (SML):

Nr FCM	Nr Ref	Nr CAS	Substance name	SML
19	39090	-	N,N-bis(2-hydroxyethyl)alkyl (C8-C18)amine	60 mg/kg
21	42500	-	Carbonic acid, salts	60 mg/kg
106	24550/89040	57-11-4	Stearic acid	60 mg/kg
141	13380	77-99-6	1,1,1-trimethylolpropane	6 mg/kg
409	62240	1332-37-2	Iron oxide	60 mg/kg
411	42080	1333-86-4	Carbon black	60 mg/kg
418	34720	1344-28-1	Aluminium oxide	1 mg/kg for Al
433	68320	2082-79-3	Octadecyl 3-(3,5-di-tert-butyl-4-hydroxyphenyl)propionate	6 mg/kg
483	68860	4724-48-6	N-octylphosphonic acid	0,05 mg/kg
549	80000	9002-88-4	Polyethylene wax	60 mg/kg
610	93440	13463-67-7	Titanium dioxide	60 mg/kg
671	74240	31570-04-4	Phosphorous acid, tris(2,4-di-tertbutylphenyl)ester	60 mg/kg
715	46880	65140-91-2	3,5-di-tert-butyl-4-hydroxybenzylphosphonic acid, monoethyl ester, Calcium salt	6 mg/kg
779	39815	182121-12-6	9,9-bis(methoxymethyl)fluorene	0,05 mg/kg
816	45704	-	Cis-1,2-cyclohexanedicarboxylic acid, salts	5 mg/kg
20	39120	-	N,N-bis(2-hydroxyethyl)alkyl (C8-C18)amine hydrochlorides	SML(T) (expressed excluding HCl)
715	46880	0065140-91-2	3,5-di-tert-butyl-4-hydroxybenzylphosphonic acid, monoethyl ester, Calcium salt	6 mg/kg
740	81200	71878-19-8	Poly[6-[(1,1,3,3-tetramethylbutyl)amino]-1,3,5-triazine-2,4- diyl]-[(2,2,6,6-tetramethyl-4- piperidyl)-imino]hexamethylene[(2,2,6,6-tetramethyl-4- piperidyl) imino]	3 mg/kg
716	60800	65447-77-0	1-(2-hydroxyethyl)-4-hydroxy2,2,6,6-tetramethyl piperidinesuccinic acid,	30 mg/kg

Nr FCM	Nr Ref	Nr CAS	Substance name	SML
			dimethyl ester, copolymer	
808	38550	882073-43-0	Bis(4-propylbenzylidene)propylsorbitol	5 mg/kg
783	55910	736150-63-3	Glycerides, castor-oil mono-, hydrogenated, acetates	60 mg/kg
500	38560	7128-64-5	2,5-bis(5-tert-butyl-2-benzoxazolyl)thiophene	0,6 mg/kg
-	-	7429-90-5	Aluminum	1 mg/kg
-	-	7440-39-3	Bar	1 mg/kg
-	-		Copper	5 mg/kg
-	-	7439-89-6	Iron	48 mg/kg
-	Salt of 89040	-	Zinc stearate	5 mg/kg)expressed as a Zinc)
-	-	7440-66-6	Zinc	5 mg/kg
-	-	-	Zinc compounds	5 mg/kg

Containers are produced from raw materials that can contain double application additions that are limited in use with food according to European Commission Regulation (EU) No 10/2011.

FCM substance No	Ref No	CAS No	E-number	Substance name
9	30610	-	E471	Mono- and diglycerides of fatty acids
9	30610	-	E470a	Sodium, potassium and calcium salts of fatty acids
9	30610	1592-23-0	E470a	Calcium Stearate
21	42500	471-34-1	E170	Calcium carbonate (as salts of carbonic acid)
103	18100	56-81-5	E422	Glycerin
106	24550/89040	57-11-4	E570	Stearic acid
409	62240	1332-37-2	E172	Iron oxide
414	87600	1338-39-2	E493	Sorbitan monolauryniane
415	87840	1338-41-6	E494	Sorbitan monostearate
610	93440	13463-67-7	E171	Titanium dioxide
615	92080	14807-96-6	E553b	Talc
616	83470	14808-60-7	E551	Quartz
(116)	(13090)	532-32-1	E211	Sodium benzoate (as salt of benzoic acid)

6. **Based on study results, manufacturers' declarations we declare that plastic containers manufactured by us meet general requirements for food safety, requirements for products having contact with food and requirements concerning environmental protection.**

Migration studies are conducted on randomly chosen products.

Migration tests and individual evaluations are carried out under standardized conditions, on products manufactured according to "the worst case scenario" rule, taking into account the description of use (worst case) listed in **Table 1.** in combination with the relevant test conditions and food simulants indicated in **Table 2.**

Tests and evaluations confirm the compliance of the material used with the requirements.

Table 1. Packaging description of application (worst case).

Food (product group, maximum fat content, pH value)	Storage in contact with food		Ratio food contact surface / volume [dm²/ kg food]
	Temperature [°C]	Time [days]	
All types of food	Room temperature and below including heating up to 70 °C for up to 2 hours, or heating up to 100°C for up to 15 minutes.	>180	6 dm2/kg food

Table 2. Test conditions for migration tests.

Food Simulant	Test condition (time / temperature)	Type of performed tests: overall migration (OM), specific determination (SML, QM, QMA, ND), 10 ppb Screening
3 % acetic acid	10 days in 40°C	OM
10 % ethanol	10 days in 40°C	OM
vegetable oil	10 days in 40°C	OM
95% ethanol	10 days in 60°C	10 ppb Screening (NIAS)
3 % acetic acid	10 days in 60°C	SML
vegetable oil	10 days in 60°C	SML
95% ethanol	10 days in 60°C	SML

The overall migration limit, according to requirements of Commission Regulation (EU) No 10/2011 of 14 January 2011 on plastic materials and articles intended to come into contact (with later changes) is **60 mg/kg or 10 mg/dm²**.

Food contact area / liquid volume: 0,96dm²/95 ml and 0,43 dm² / 45 ml.

In the case of specific migration tests, the contractual ratio of contact surface to volume is assumed to be 6 dm 2 per kg food.

The bases of this declaration are results of studies carried out by laboratories accredited by: J.S. Hamilton Poland, ul. Chwaszczyńska 180, 81-571 Gdynia.

List of reports confirming compliance:

Name of the Laboratory	Analysis report	Date
JS Hamilton	Analysis report 683655-23-gdy	22.01.2024
JS Hamilton	Analysis report 683701-23-gdy	22.12.2023
JS Hamilton	Analysis report 53701-24	26.02.2024
JS Hamilton	Analysis report 53955-24-gdy	26.02.2024
JS Hamilton	Analysis report 54468-24-gdy	26.02.2024
JS Hamilton	Analysis report 54476-24-gdy	19.02.2024
JS Hamilton	Analysis report 53675-24-gdy	12.02.2024
JS Hamilton	Analysis report 53941-24-gdy	19.02.2024
JS Hamilton	Analysis report 53848-24-gdy	25.03.2024

We confirm that in our production process we do not use the following:

- Phthalates,
- Epoxy derivates BADGE, NODGE & BFDGE,
- Latex,
- Bisphenol A (CAS 80-05-7);
- Bisphenol B (CAS 77-40-7);
- Bisphenol S (CAS 80-09-1);
- Bisphenol F (CAS 2467-02-9);
- Chlorofluorocarbon (CFC) and halogens.
- PVC;
- Ionizing and X-ray radiation as well as control and measurement devices using this radiation.

7. **Specifications concerning use of product.**

Plastic products produced by us:

- Can be used for packaging purposes and can have contact with any kind of food.
- Examples of uses of disposable packaging include: plant and animal fats, popcorn, crisps, salted peanuts, pickled vegetables, vegetable salads, fruit, tomato sauce, processed fruit (jam, marmalade), mustard, mayonnaise, ice-cream, powdered eggs, fish in vinegar marinade, fish delicatessen, salted fish, fish in oil and vinegar, caramel, starch syrup, burned or invert sugar, dry loose food stuff, dry vegetable mixes, pastries, dairy products, honey and others;
- Are suitable to come into contact with food, with its entire surface.
- And are fit for use:

  in range of temperatures –20°C to +10°C for deep freezing PP,
  in range of temperatures +5°C to +35°C for standard PP.

8. **Food contact conditions.**

Any long term storage at room temperature or below, including when packaged under hot-fill conditions, and/ or heating up to a temperature T where 70°C ≤ T ≤ 100°C for a maximum of t = 120/2^((T-70)/10) minutes **(OM2).**

9. **Limitations of use.**

Packaging is not intended for:

- heating in microwaves and ovens,
- cooking and sterilization,
- use as toys.

10. **Storage rules:**

Properly packed, secured and marked containers should be kept in dry and clean warehouses.
CAUTION: do not expose directly to sunlight or other sources of heat.

11. **Product tracking.**

We declare that we have the ability to track in accordance with art. 17 regulation (EC) No 1935/2004.
All procedures and records required for tracking of raw materials and products needed for

meeting control requirements are provided on every stage of production process.

Date of issue of the statement:	21.05.2024
Name:	Wacław Laskowski
Position:	Quality Control and Development Menager

Signature and Stamp

This edition DoC EN 20.05.2024, dated May, 20 2024 replaces the previous edition dated October, 11 2024. With the present edition expires the validity of all former editions.
This declaration of conformity is strictly confidential and intended exclusively for internal purposes. The statements in this declaration are made according to our best current knowledge. The contents of this declaration must not be disclosed in whole or in part to any third party. Every required test report is available and may be presented to the competent authority, if necessary.