Kreis Pack Sp. z o.o.
Ul. Leśna 22, PL 64-320 Niepruszewo
NIP: 781-00-23-410; REGON: 632189672
KRS: 0000113495; District Court in Poznań – Nowe Miasto and Wilda
in Poznań 9th Commercial Division of the National Court Register
Share and paid-up capital : 1'048'200zł
Phone no: 61 8940570, 61 8940580, Fax: 61 8940590
office@kreispack.pl; www.kreispack.pl

DECLARATION OF COMPLIANCE

1	The identity and address of the business operator issuing the declaration of compliance:	Kreis Pack Spółka z o. o. ul. Leśna 22 64-320 Niepruszewo Poland
2	The identity and address of the business operator which manufactures or imports the plastic materials or articles or products from intermediate stages of their manufacturing or the substances intended for the manufacturing of those materials and articles:	Kreis Pack Spółka z o. o. ul. Leśna 22 64-320 Niepruszewo Poland
3	The identity of the materials, the articles, products from intermediate stages of manufacture or the substances intended for the manufacturing of those materials and articles:	Disposable polystyrene (PS) cutlery: • stirrers, forks, small forks, knives, spoons, coffee/tea spoons – white, transparent, black, ecru. • blades for ice cream – white, yellow, red, orange, blue and green, • coffee/tea cups 0,16L, 0,18L - white and coloured, made with the use of injection technology from grinding of bi-oriented polystyrene foil (OPS) called: V-504, OPS PREMIUM, OPS GRADE WHITE, BOPS, BI-ORIENTED POLYSTYRENE.
4	The date of the declaration:	03.04.2017
5	Confirmation that the plastic materials or articles, products from intermediate stages of manufacture or the	Hereby we confirm, that articles specified in point 3 fully meet requirements of following acts: • Commission Regulation (EU) No 10/2011 with amendments,

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	substances meet relevant requirements laid down in Regulation 10/2011 and Regulation (EC) No 1935/2004:	• Regulation 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 • 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 , with amendments, • European Parliament and Council Directive No 94/62/EC of 20th of December 1994 , amended with directives 2004/12/EC, 2005/20/EC as amended, • Polish "Act Of Safety of food and feed" of 25th of August 2006 (with amendments) • Resolution of the Minister of Health of 15 October 2013 on list of substances allowed in plastic processing and methods of checking their conformity with predefined limits, as amended, • Act dated 13 June 2013 on packaging and packaging waste management, • Commission Regulation (EU) No 202/2014 of 03 March 2014 amending Regulation (EU) No 10/2011 on materials and plastic product intended for contact with food, • Regulation (EU) 2016/1416 of 24 August 2016. On Amendments and Corrections (EU) No 10/2011 on plastic materials and articles intended to come into contact with food
6	Adequate information relative to the substances used or products of degradation thereof for which restrictions and/or specifications are set out in Annexes I and II to Regulation 10/2011 to allow the downstream business operators to ensure compliance with those restrictions:	Monomers and substances in the composition of described articles are listed in Annex I to Regulation 10/2011 - Union list of authorized monomers, other starting substances, macromolecules obtained from microbial fermentation, additives and polymer production aids. All migration levels are in accordance with mentioned acts. Particularly, overall migration limit and specific migration limits for our articles are correct.
7	Adequate information relative to the substances which are subject to a restriction in food, obtained by experimental data or theoretical	This declaration is based at the results of the tests proceeded by independent accredited and certified laboratories. Global migration tests were proceeded by Laboratory of Voivodship Sanitary-Epidemiological Station in Poznań from 2nd till 19th of January 2012 and from 23rd till 26th of April 2012.

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calculation about the level of their specific migration and, where appropriate, purity criteria in accordance with Directives 2008/60/EC, 95/45/EC and 2008/84/EC to enable the user of these materials or articles to comply with the relevant EU provisions or, in their absence, with national provisions applicable to food:

The results obviously shows, that our articles meets fully overall migration level do not even coming close to the legally established maximum limit of 10 mg/dm², included in Commission Regulation (EU) No 10/2011.
Below the results of global migration tests of our articles:

Food simulant	Test conditions	Average results
Distilled water	2 days, temp. +70ºC	0,1 mg/dm²
3% acetic acid	2 days, temp. +70ºC	0,1 mg/dm²
95% ethanol	2 days, temp. +60ºC	0,1 mg/dm²

Tests of migration to fatty food fat were made according to norm PN-EN 1186-14:2005 "Materials and articles intended to come into contact with foodstuffs – Plastics – Part 14: Test methods of tests of overall migration from plastics intended to come into contact with food products containing fats, in substitute tests with the use of isooctane and 95% ethanol as a substitute media"

Also, tests made by Laboratory of Voivodship Environment Protection Inspectorate in Poznan from 14th of February till 2nd of March 2012, which were made to check concentration levels of heavy metals present in our articles shows fully meeting requirement included in Directive No 94/62/EC of not exceeding 100 ppm (mg/kg)

Tests determined following contents of heavy metals:

Lead (Pb):	<0,499 mg/kg
Cadmium (Cd):	<0,125 mg/kg
Chromium (Cr):	<0,125 mg/kg
Mercury (Hg) :	<0,0125 mg/kg
Total:	< 0,7615 mg/kg

Sum of concentration levels of lead, cadmium, mercury and chromium present in tested articles does not exceed 0,7615 mg/kg

Specific migration tests determined in Annex II of Regulation 10/2011:

- metals specific migration tests
- primary aromatic amines specific migration tests

made from 9th till 25th of May 2012 by Hygienic Laboratories Center in Ostrava shows obvious accordance with law requirements.
Below the results of specific migration tests of our articles:

Substancja	Food Simulant	Test conditions	Result	Limit	
Barium (Ba)	Distilled water	10 days, temp. +40ºC	<0,005 mg/kg	Barium (Ba)	1 mg/kg food or food simulant
Barium (Ba)	Acetic acid 3%	10 days, temp. +40ºC	<0,005 mg/kg		
Barium (Ba)	Ethanol 95%	10 days, temp. +40ºC	<0,050 mg/kg		
Cobalt(Co)	Distilled water	10 days, temp. +40ºC	<0,005 mg/kg	Cobalt (Co)	

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Cobalt (Co)	Acetic acid 3%	10 days, temp. +40ºC	<0,005 mg/kg		0,050 mg/kg food or food simulant
Cobalt (Co)	Ethanol 95%	10 days, temp. +40ºC	<0,005 mg/kg		
Copper (Cu)	Distilled water	10 days, temp. +40ºC	<0,005 mg/kg	Copper (Cu)	5 mg/kg food or food simulant
Copper (Cu)	Acetic acid 3%	10 days, temp. +40ºC	<0,005 mg/kg		
Copper (Cu)	Ethanol 95%	10 days, temp. +40ºC	<0,050 mg/kg		
Iron (Fe)	Distilled water	10 days, temp. +40ºC	<0,050 mg/kg	Iron (Fe)	48 mg/kg food or food simulant
Iron (Fe)	Acetic acid 3%	10 days, temp. +40ºC	<0,050 mg/kg		
Iron (Fe)	Ethanol 95%	10 days, temp. +40ºC	<0,500 mg/kg		
Lithium (Li)	Distilled water	10 days, temp. +40ºC	<0,005 mg/kg	Lithium (Li)	0,600 mg/kg food or food simulant
Lithium (Li)	Acetic acid 3%	10 days, temp. +40ºC	<0,005 mg/kg		
Lithium (Li)	Ethanol 95%	10 days, temp. +40ºC	<0,050 mg/kg		
Manganese (Mn)	Distilled water	10 days, temp. +40ºC	<0,005 mg/kg	Manganese (Mn)	0,600 mg/kg food or food simulant
Manganese (Mn)	Acetic acid 3%	10 days, temp. +40ºC	<0,005 mg/kg		
Manganese (Mn)	Ethanol 95%	10 days, temp. +40ºC	<0,050 mg/kg		
Zinc (Zn)	Distilled water	10 days, temp. +40ºC	<0,005 mg/kg	Zinc (Zn)	25 mg/kg food or food simulant
Zinc (Zn)	Acetic acid 3%	10 days, temp. +40ºC	<0,050 mg/kg		
Zinc (Zn)	Ethanol 95%	10 days, temp. +40ºC	<0,200 mg/kg		

Specific migration limit for primary aromatic amines according to the requirements of mentioned Regulation is: 0,01 mg/kg.

Below results of specific migration tests of our articles for primary aromatic amines:

Food simulant	**Testing conditions**	**Result**

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Distilled water	10 days, temp. +40ºC	<0,0086 mg/kg
Acetic acid 3%	10 days, temp. +40ºC	<0,004 mg/kg
Ethanol 95%	10 days, temp. +40ºC	<0,007 mg/kg

8 Specifications on the use of the material or article, such as:

(i) type or types of food with which it is intended to be put in contact;

(ii) time and temperature of treatment and storage in contact with the food;

(iii) ratio of food contact surface area to volume used to establish the compliance of the material or article.

Mentioned test results allow to declare as following:

(i) Our **articles can be safely applied to all kinds of food, including fatty, sour and alcoholic food.**

(ii) Taking into consideration perfect results of tests for overall migration and extreme testing conditions (testing during 2 hours under temperature from +60ºC to +70ºC), the minimum time of contact of our articles with food is related to time limits foreseeing for the fresh food (short time consumption food) or "fast food".
In other words:
taking into account excellent laboratory test results obtained under extreme testing conditions,
the food contained in the tested products decays faster than the tested substances migrate to it quantities exceeding limits provided for in regulations.
It is important to pay attention to the fact that range of temperature during practical use of our articles should meet the scope between -20ºC and +80ºC.
Operating temperature for coffee/tea cups is in the range from - 20ºC to +80ºC.

Particularly, it should be stressed, that limit of high temperature endurance must not be exceeded.

Provided that the above mentioned safety temperature indications are obeyed, our articles placed on the market and used under normal or foreseeable conditions of use, cannot:

- endanger human health;
- bring about an unacceptable change in the composition of the food;
- bring about deterioration in the organoleptic characteristics of food.

It is also very important to notice, that the above mentioned articles CANNOT be applied for food heating in microwave ovens and heated together with food in microwave ovens.

(iii) ratio of food contact surface area to volume for cups is 0,075. For cutlery this parameter is not specified.

9 The confirmation that the material or article complies with the requirements of Article 13(2), (3) and (4) or Article 14(2) and (3) of Regulation 10/2011 -

Does not concern.

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	when a functional barrier is used in a multi-layer material or article:	
10	Additional environmental protection information:	In addition, Kreis Pack Sp. z o.o. limits the amount and environmental impact of substances used in the manufacture of packaging and packaging waste, particularly: • reduces to a minimum volume and weight of packages to meet its function, taking into account user expectations, • designs and products so that they are able to be recycled.
11	Declaration validity term:	According to point 15.3 of Commission Regulation (EU) No 10/2011 Declaration „shall be renewed when substantial changes in the composition or production occur that bring about changes in the migration from the materials or articles or when new scientific data becomes available". Kreis Pack Sp. z o.o. undertakes to renew this declaration when only mentioned facts will take place.
12	Name of document:	Cert_KP_PS_KPLP_ENG
13	Version of document:	09
14	Responsible person: Department: Contact data:	(Mrs.) Kinga Kaczmarek Quality assurance kontrola-jakosci@kreispack.pl
15	Declaration validity form:	Declaration made in electronic version (PDF format) as well as proceeded and transmitted in electronic version is valid without stamp and signature