

DECLARATION OF COMPLIANCE

Plastic materials and articles intended to come into contact with food

Number	DCCA.23.000009
Date	2023-04-14

1./2. Identity and address of the business operator

INTRAPLÁS – Indústria Transformadora de Plásticos, S.A.

Rua da Indústria – Rebordões – Apartado 47 • 4784-909 Santo Tirso • Portugal

Customer

SEVERAL

3. Identity of the materials or articles

Product (s)

DRINKING CUPS (PP) – WITH AND WITHOUT PRINTING
(A000GGGGG)

Code (s)/ Customer's Designation

-

Basic Raw Material: Polypropylene (PP) + white colorant (for white products)+ low migration inks (for products with printing)

4. Date of the Declaration

2023-04-14

5. Declaration of compliance with the applicable Legislation and Regulation

We declare that the above mentioned product(s) was (were) produced and tested according to our Procedures and Control Plans, and is (are) in conformity with the stated in the:

- **Regulation (EC) n.º 1935/2004** of the European Parliament and of the Council of 27 October on materials and articles intended to come into contact with food.
- **Commission Regulation (EU) n.º 10/2011** of 14 January on plastic materials and articles intended to come into contact with food.
- **Commission Regulation (EU) n.º 1282/2011** of 28 November, **Commission Regulation (EU) n.º 1183/2012** of 30 November, **Commission Regulation (EU) n.º 202/2014** of 3 March, **Commission Regulation (EU) n.º 2015/174** of 5 February, **Commission Regulation (EU) n.º 2016/1416** of 24 August, **Commission Regulation (EU) n.º 2017/752** of 28 April, **Commission Regulation (EU) n.º 2018/79** of 18 January, **Commission Regulation (EU) n.º 2018/213** of 12 February, **Commission Regulation (EU) n.º 2018/831** of 5 June, **Commission Regulation (EU) n.º 2019/37** of 10 January, **Commission Regulation (EU) n.º 2019/1338** of 8 August and **Commission Regulation (EU) n.º 2020/1245** of 2 September amending and correcting Commission Regulation (EU) n.º 10/2011 on plastic materials and articles intended to come into contact with food.
- **Commission Regulation (EC) n.º 2023/2006** of 22 December on good manufacturing practice for materials and articles intended to come into contact with food.
- **Resolution AP (89) 1** of the Council of Europe of 13 September on the use of colorants in plastic materials coming into contact with food (when applicable).

Tests for checking the migration of the constituents were carried out according to the Commission Regulation (EU) n.º 10/2011 of 14 January and subsequent amendments.

6. Used substances for which restrictions and/or specifications are set out in annexes I and II (when applicable)

CAS N° and/or Substance	LIMIT
Aluminium	SML ≤ 1 mg/kg
9,9-bis(metoxymethyl)fluorene (CAS 182121-12-6)	LMS = 0.05 mg/kg
Cis-endo-Bicyclo[2.2.1]heptane-2,3-dicarboxylic acid, disodium salt CAS (351870-33-2) (**)	LMS = 5 mg/kg
N,N-bis(2-hydroxyethyl)alkyl (C8-C18) amine Ref.39090 (*)	LMS = 1.2 mg/kg
Zinc (*)	SML ≤ 5 mg/kg

(*) Applicable to the white products; (**) Ongoing tests

Dual additives (when applicable):

In the composition of this product, and according to the supplier information, may be present:

CAS N°	DESIGNATION	CONTENT
-	Sodium, potassium, and calcium salts of fatty acids (E470a)	-
-	Titanium Dioxide (E171) (*)	-
-	Calcium stearate	-
-	Silicium dioxide	-
-	Glycerol monostearate (*)	-
-	Talc (*)	-

(*) Applicable to the white products;

This information is based on our recent knowledge and is believed to be correct.

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Points ①, ②, ③, ④, ⑤, ⑥, ⑦, ⑧, ⑨, ⑩, ⑪, ⑫, ⑬, ⑭, ⑮, ⑯, ⑰, ⑱, ⑲, ⑳, ㉑, ㉒, ㉓, ㉔, ㉕, ㉖, ㉗, ㉘, ㉙, ㉚, ㉛, ㉜, ㉝, ㉞, ㉟, ㊀, ㊁, ㊂, ㊃, ㊄, ㊅, ㊆, ㊇, ㊈, ㊉, ㊊, ㊋, ㊌, ㊍, ㊎, ㊏, ㊐, ㊑, ㊒, ㊓, ㊔, ㊕, ㊖, ㊗, ㊘, ㊙, ㊚, ㊛, ㊜, ㊝, ㊞, ㊟, ㊠, ㊡, ㊢, ㊣, ㊤, ㊥, ㊦, ㊧, ㊨, ㊩, ㊪, ㊫, ㊬, ㊭, ㊮, ㊯, ㊰, ㊱, ㊲, ㊳, ㊴, ㊵, ㊶, ㊷, ㊸, ㊹, ㊺, ㊻, ㊼, ㊽, ㊾, ㊿ in accordance with Annex IV 'Declaration of Compliance' of Commission Regulation 10/2011 and subsequent amendments

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7. Substances subject to a food restriction, obtained by experimental data or theoretical calculation about the level of their migration

Test Report: 1902800 / 2010619 / 2012297

Analysis date: 02-05-2019 to 13-06-2019 / 16-11-2020 to 15-01-2021

Tests	Simulants	Standard / Legislation	Tests Conditions	Limits	Results
Overall migration	Acetic acid 3%	Regulation 10/2011 and amendments EN 1186-1 and 3. 2002	10 days at 40°C	10 mg/dm ²	<2.0 mg/dm ² (LOQ)
Overall migration	Ethanol 10%	Regulation 10/2011 and amendments EN 1186-1 and 3. 2002	10 days at 40°C	10 mg/dm ²	<2.0 mg/dm ² (LOQ)
Overall migration	Ethanol 50%	Regulation 10/2011 and amendments EN 1186-1 and 3. 2002	10 days at 40°C	10 mg/dm ²	<2.0 mg/dm ² (LOQ)
Specific migration of Barium	Acetic acid 3%	Regulation 10/2011 and amendments EN13130-1: 2004	10 days at 60°C	≤ 1 mg/kg	0.002 mg/kg
Specific migration of Cobalt	Acetic acid 3%	Regulation 10/2011 and amendments EN13130-1: 2004	10 days at 60°C	≤ 0.05 mg/kg	<0.002 (LOQ) mg/kg
Specific migration of Lithium	Acetic acid 3%	Regulation 10/2011 and amendments EN13130-1: 2004	10 days at 60°C	≤ 0.6 mg/kg	< 0.001 (LOQ) mg/kg
Specific migration of Manganese	Acetic acid 3%	Regulation 10/2011 and amendments EN13130-1: 2004	10 days at 60°C	≤ 0.6 mg/kg	< 0.001 (LOQ) mg/kg
Specific migration of Iron	Acetic acid 3%	Regulation 10/2011 and amendments EN13130-1: 2004	10 days at 60°C	≤ 48 mg/kg	0.003 mg/kg
Specific migration of Copper	Acetic acid 3%	Regulation 10/2011 and amendments EN13130-1: 2004	10 days at 60°C	≤ 5 mg/kg	0.156 mg/kg
Specific migration of Zinc	Acetic acid 3%	Regulation 10/2011 and amendments EN13130-1: 2004	10 days at 60°C	≤ 5 mg/kg	0.110 mg/kg
Specific migration of Aluminium	Acetic acid 3%	Regulation 10/2011 and amendments EN13130-1: 2004	10 days at 60°C	≤ 1 mg/kg	0.024 mg/kg
Specific migration of Nickel	Acetic acid 3%	Regulation 10/2011 and amendments EN13130-1: 2004	10 days at 60°C	≤ 0.02 mg/kg	<0.002 (LQ) mg/kg
Specific migration of 9,9-bis(metoxymethyl)fluorene (CAS 182121-12-6)	Acetic acid 3%	Regulation 10/2011 and amendments EN13130-1: 2004	10 days at 60°C	≤ 0.05 mg/kg	< 0.02 (LQ) mg/kg
	Vegetable oil	Regulation 10/2011 and amendments EN13130-1: 2004	10 days at 60°C	≤ 0.05 mg/kg	< 0.02 (LQ) mg/kg
	Ethanol 10%	Regulation 10/2011 and amendments EN13130-1: 2004	10 days at 60°C	≤ 0.05 mg/kg	< 0.02 (LQ) mg/kg
Specific migration of N,N-bis(2-hydroxyethyl)alkyl (C8-C18) amine Ref.39090	Isooctane	Regulation 10/2011 and amendments EN13130-1: 2004 GC-FID Method	24 hours at 60°C	≤ 1.2 mg/kg	0.38 mg/kg
Determination of Heavy Metals - Cr	-	Directive 94/62/EC Method EAA	-	Sum < 100 ppm	<0.010 (LOQ) mg/kg
Determination of Heavy Metals - Cd					<0.009 (LOQ) mg/kg
Determination of Heavy Metals - Pb					0.184 mg/kg
Determination of Heavy Metals - Hg					<0.010 (LOD) mg/kg

LOD – Limit of detection; LOQ – Limit of quantification; ND – Not detectable

8. Use specification of the supplied products

i) Type(s) of food in contact: **Clear drinks (water, beers, ciders, soft drinks), cloudy drinks (juices and nectars and soft drinks containing fruit pulp) and alcoholic beverages of an alcoholic strength above 20%.**

This information is based on our recent knowledge and is believed to be correct.

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ii) Contact and storage conditions:

Overall Migration

OM2 – 10 days at 40°C – 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 $70\text{ °C} \leq T \leq 100\text{ °C}$ for a maximum of $t = 120/2^{(T-70)/10}$ minutes.

Specific Migration

Testing for **10 days at 60 °C** shall cover storage above 6 months at room temperature and below, including hot-fill conditions and/or heating up to $70\text{ °C} \leq T \leq 100\text{ °C}$ for maximum $t = 120/2^{(T-70)/10}$ minutes.

iii) Higher ratio between the surface area in contact with the food and the volume used: **6 dm²/kg of food.**

9. Use of a functional barrier

Not applicable

Sónia Mendes
Quality & Food Safety Manager

This information is based on our recent knowledge and is believed to be correct.

Computer generated document, signature not required

Points ①, ②, ③, ④, ⑤, ⑥, ⑦, ⑧i, ⑧ii, ⑧iii e ⑨ in accordance with Annex IV 'Declaration of Compliance' of Commission Regulation 10/2011 and subsequent amendments