

Declaration of Conformity on Food Contact Materials

The manufacturer or his authorized representative established in the European Union:

Name: Paardekooper BV (part of the Koninklijke Paardekooper Group BV)
Address: Willem Beukelszstraat 16
 3261 LV Oud-Beijerland
 The Netherlands

Declares that the product described below

Article nr.	Description article	Material
157710	Deksel rond helder PP70, 3mm	PP

Is suitable for direct contact with food as listed and complies with:

- Regulation **EC 1935/2004** on materials and items intended to come in contact with food
- Regulation **EC 2023/2006** on Good Manufacturing Practice for materials and articles intended for contact with food
- Regulation **EC 10/2011** on plastic materials and articles intended to come in contact with food with all later amendments

Intended use / Condition of Use

The materials or articles intended to come into contact with food are intended for use under the following conditions:

- Types of food intended to come into contact with the material: aqueous, acidic, fatty and alcoholic food.
- Duration and temperature of treatment and storage while in contact with food: Any long term storage at room temperature or below, including heating up to 70°C for up to 2 hours, or heating up to 100°C for up to 15 minutes.
- Ratio of the area of the food contact material to the volume used to determine the compliance of the food contact material or article: 6 dm²/L
- Suitable for single or repeated use: Single use

Overall Migration

Food simulant	Tested	Test conditions (duration & temperature)	Limit (mg/Kg or mg/dm ²)	Passed
10% ethanol (A)	<input checked="" type="checkbox"/>	10 days @ 40°C	6 dm ² /L	<input checked="" type="checkbox"/>
3% acetic acid (B)	<input checked="" type="checkbox"/>	10 days @ 40°C	6 dm ² /L	<input checked="" type="checkbox"/>
Vegetable oil (D2)	<input checked="" type="checkbox"/>	10 days @ 40°C	6 dm ² /L	<input checked="" type="checkbox"/>

Specific Migration

Spezifische Migration von Metallen nach Verordnung (EU) Nr. 10/2011 / Specific migration of metals according to Regulation (EU) No 10/2011

Prüfmethode / Test Method

DIN EN ISO 11885 2009-09, nach Migration DIN EN 13130-1 / DIN EN ISO 11885 2009-09, after migration DIN 13130-1

Simulanz / simulant

3% Essigsäure / 3% acetic acid

Dauer / duration

10 Tage / 10 days

Temperatur / temperature

40 +/- 2°C

Ansatz / approach

6 dm²/L

Probe oder Teilprobe(n) /
Sample(s) or Subsample(s)

Einheit / Unit Ergebnis / Result

1

1. Kontakt /

1st contact

Aluminium (Al) / Aluminium (Al)

mg/kg

< 0.1

Barium (Ba) / Barium (Ba)

mg/kg

< 0.1

Cobalt (Co) / Cobalt (Co)

mg/kg

< 0.01

Eisen (Fe) / Iron (Fe)

mg/kg

< 1.0

Kupfer (Cu) / Copper (Cu)

mg/kg

< 0.5

Lithium (Li) / Lithium (Li)

mg/kg

< 0.1

Mangan (Mn) / Manganese (Mn)

mg/kg

< 0.1

Nickel (Ni) / Nickel (Ni)

mg/kg

< 0.01

Zink (Zn) / Zinc (Zn)

mg/kg

< 1.0

Beurteilung / Conclusion

Bestanden / Pass

Bemerkung / Note:

Anforderung:	Verordnung (EU) Nr. 10/2011:	Aluminium	max. 1 mg/kg Prüfsimulanz
		Barium:	max. 1 mg/kg Prüfsimulanz
		Kobalt:	max. 0,05 mg/kg Prüfsimulanz
		Kupfer:	max. 5 mg/kg Prüfsimulanz
		Eisen:	max. 48 mg/kg Prüfsimulanz
		Lithium:	max. 0,6 mg/kg Prüfsimulanz
		Mangan:	max. 0,6 mg/kg Prüfsimulanz
		Nickel:	max. 0,02 mg/kg Prüfsimulanz
		Zink:	max. 5 mg/kg Prüfsimulanz

Requirement:	Regulation (EU) No 10/2011	Aluminium	max. 1 mg/kg food simulant
		Barium:	max 1 mg/kg food simulant
		Cobalt:	max. 0.05 mg/kg food simulant
		Copper:	max. 5 mg/kg food simulant
		Iron:	max. 48 mg/kg food simulant
		Lithium:	max. 0.6 mg/kg food simulant
		Manganese:	max .0.6 mg/kg food simulant
		Nickel:	max. 0.02 mg/kg food simulant
		Zinc:	max. 5 mg/kg food simulant

Spezifische Migration von Octadecyl-3-(3,5-di-tert-butyl-4-hydroxyphenyl)propionat (Ref.-Nr.: 68320, CAS-Nr.: 2082-79-3) / specific migration of Octadecyl-3-(3,5-di-tert-butyl-4-hydroxyphenyl)propionate (Ref. No: 68320; CAS No: 2082-79-3)

Prüfmethode / Test Method

SOP M 3242, 2019-04, fl./fl. Extr. GC-MS nach Migration DIN EN 13130-1 / SOP M 3242, 2019-04, fl./fl. Extr. GC-MS after migration DIN EN 13130-1

Simulanz / simulant

95% Ethanol / 95% ethanol

Dauer / duration

10 Tage / 10 days

Temperatur / temperature

40 +/- 2°C

Ansatz / approach

6 dm²/L

Spezifische Migration von 9,9-Bis(methoxymethyl)fluoren (Ref.-Nr.:39815; CAS-Nr.: 182121-12-6) / Specific migration of 9,9-Bis(methoxymethyl)fluorene (Ref.-Nr.:39815; CAS-Nr.: 182121-12-6)*

Prüfmethode / Test Method

Migration: DIN 13130-1; Messung: GC-MS nach Extraktion / migration: DIN 13130-1; measurement: GC-MS after extraction

Simulanz / simulant 95% Ethanol / 95% ethanol
 Dauer / duration 10 Tage / 10 days
 Temperatur / temperature 40 +/- 2°C
 Ansatz / approach 6 dm²/L

<u>Probe oder Teilprobe(n) / Sample(s) or Subsample(s)</u>	<u>Einheit / Unit</u>	<u>Ergebnis / Result</u>
		1
		1. Kontakt / 1st contact
9,9-Bis(methoxymethyl)fluoren / 9,9-Bis(methoxymethyl)fluorene (182121-12-6)	mg/kg	0.03
Beurteilung / Conclusion		Bestanden / Pass

Bemerkung / Note:

Anforderung: max. 0,05 mg/kg Prüfsimulanz (Verordnung (EU) Nr. 10/2011)
Requirement: max. 0.05 mg/kg food simulant (Regulation (EU) Nr. 10/2011)

Farblässigkeit / colour release

Prüfmethode / Test Method

24.Mitteilung zur Untersuchung von Kunststoffen, Bundesgesundheitsblatt 15 (1972) 285 / 24th Communication on testing of plastics, Bundesgesundheitsblatt 15 (1972) 285

<u>Probe oder Teilprobe(n) / Sample(s) or Subsample(s)</u>	<u>Einheit / Unit</u>	<u>Ergebnis / Result</u>
		1
Wasser / water		kein Farbübergang / no colour release
2 % Essigsäure / 2 % acetic acid		kein Farbübergang / no colour release
10% Ethanol / 10% ethanol		kein Farbübergang / no colour release
Kokosfett / coconut oil		kein Farbübergang / no colour release
Beurteilung / Conclusion		Bestanden / Pass

PAK / PAH

Prüfmethode / Test Method

AfPS GS 2014-01, PAK-Bestimmung mittels GC-MS / AfPS GS 2014-01, PAK-with use of GC-MS

<u>Probe oder Teilprobe(n) / Sample(s) or Subsample(s)</u>	<u>Einheit / Unit</u>	<u>Ergebnis / Result</u>
		1
Benzo[a]anthracen / Benzo[a]anthracene (56-55-3) ⁽¹⁾	mg/kg	< 0.2
Chrysen / Chrysene (218-01-9) ⁽¹⁾	mg/kg	< 0.2
Benzo[e]pyren / Benzo[e]pyrene (192-97-2) ⁽¹⁾	mg/kg	< 0.2
Benzo[b]fluoranthen / Benzo[b]fluoranthene (205-99-2) ⁽¹⁾	mg/kg	< 0.2
Benzo[k]fluoranthen / Benzo[k]fluoranthene (207-08-9) ⁽¹⁾	mg/kg	< 0.2
Benzo[j]fluoranthen / Benzo[j]fluoranthene (205-82-3) ⁽¹⁾	mg/kg	< 0.2

Benzo[a]pyren / Benzo[a]pyrene (50-32-8) ^[1]	mg/kg	< 0.2
Dibenzo[ah]anthracen / Dibenzo[ah]anthracene (53-70-3) ^[1]	mg/kg	< 0.2
Beurteilung EU-PAK / Conclusion EU-PAHs		Bestanden / Pass
Acenaphthylen / Acenaphthylene (208-96-8)	mg/kg	< 0.2
Acenaphthen / Acenaphthene (83-32-9)	mg/kg	< 0.2
Fluoren / Fluorene (86-73-7)	mg/kg	< 0.2
Phenanthren / Phenanthrene (85-01-8)	mg/kg	< 0.2
Anthracen / Anthracene (120-12-7)	mg/kg	< 0.2
Fluoranthen / Fluoranthene (206-44-0)	mg/kg	< 0.2
Pyren / Pyrene (129-00-0)	mg/kg	< 0.2
Naphthalin / Naphthalene (91-20-3)	mg/kg	< 0.2
Benzo[ghi]perylen / Benzo[ghi]perylene (191-24-2)	mg/kg	< 0.2
Indeno[1,2,3-cd]pyren / Indeno[1,2,3-cd]pyrene (193-39-5)	mg/kg	< 0.2
Summe 18 PAK / Total 18 PAH ^[2]	mg/kg	-
Beurteilung (pro Einzelverbindung) / Conclusion (per single substance)		Bestanden / Pass

Sensorial tests (Taste and Smell) (ISO 13302:2003/ DIN 10955:2004)

Attribute	Tested?	Passed
Taste	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Smell	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Additional declaration

We declare that the article(s) comply with the following regulations, legislation, guidelines and requirements for substances.

- Heavy Metals: directive 94/62/EC Art. 11:** Concentration level of heavy metals present in Packaging (updated with directive 2005/20/EC)/ 2004/12/EC and D.L. n. 152/2006. And the articles also comply with the new regulation 2018/852/EC. Lead, Cadmium, Mercury, Chrome Hexavalent are not intentionally added on the articles. Articles delivered by us have a total heavy metal content, due to incidental sum of concentration, lower than 100 ppm.

Disclaimer:

This confirmation is not valid for unintended use of the product that can lead to changes of the composition or organoleptic properties of the product. The specific interaction between the food stuff and the product should be investigated by the user.

This declaration is valid as long as there are no changes in the composition of the above mentioned product and / or no revision of the relevant regulations have taken place, in which case it will be renewed.

We recommend our customers to verify the regulatory status periodically.

Date; 19-06-2020

Issued by;

S. Jansen

Quality Coordinator

Paardekooper BV.