



*Hupack International B.V.*

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## Declaration of compliance

We, Hupack International B.V., Rotterdam, The Netherlands, hereby declare that the materials and articles, as described below, supplied by our company, comply in all respects with:

- Regulation (EU) No 10/2011 on materials and articles intended to come into contact with food as amended.

This declaration does not apply if an article is used in other circumstances than described below. It is in this case, the downstream user is responsibility to comply with the relevant legislation.

### **Validity:**

The information in this document is valid from the date in this version until it is replaced by an improved version. Because of the possible changes in legislation and possible changes in our products, we cannot guarantee that the status of this document will remain unchanged. We therefore recommend to the legislative status of this document to verify on a regular basis. This document will be updated in all cases that the earlier version is no longer valid.

### **Account:**

I, the undersigned is able and willing to substantiate this statement with the necessary documents if requested.

This Declaration of Compliance covers the following lines of products:

- Food Container PS
- Food Container BOPS



**RESULT SUMMARY:**

Test Requested	Conclusion
A: FDA 21 CFR 177.1640–Total residual styrene monomer content	PASS
B: Commission Regulation (EU) No 10/2011 of 14 January 2011 with amendments–Overall migration	PASS
C: Commission Regulation (EU) No 10/2011 of 14 January 2011 with amendments–Specific Migration of Heavy Metal	PASS

**TEST RESULT(S):**

A: FDA 21 CFR 177.1640–Total residual styrene monomer content

Test Method: With reference to US FDA 21 CFR 177.1640.

<u>Test Item(s)</u>	<u>Limit</u>	<u>Unit</u>	<u>Method Detection Limit</u>	<u>Test Result</u>
Total residual styrene monomer content	0.5	%(w/w)	0.1	ND
Comment	-	-	-	PASS

Notes:

1. %w/w = percentage of weight by weight.
2. ND = Not Detected.

B: Commission Regulation (EU) No 10/2011 of 14 January 2011 with amendments– Overall migration

Test Method: With reference to Commission Regulation (EU) No 10/2011 of 14 January 2011 Annex III and Annex V for selection of condition and EN 1186-1:2002 for selection of test methods; or EN 1186-9:2002 aqueous food simulants by article filling method; or EN 1186-14:2002 substitute test.

<u>Simulant Used</u>	<u>Time</u>	<u>Temperature</u>	<u>Max. Permissible Limit</u>	<u>Test Result</u>	<u>Comment</u>
3% Acetic Acid (W/V) Aqueous Solution	240.0hr(s)	40°C	10 mg/dm <sup>2</sup>	< 3.0 mg/dm <sup>2</sup>	PASS
10% Ethanol (V/V) Aqueous Solution	240.0hr(s)	40°C	10 mg/dm <sup>2</sup>	< 3.0 mg/dm <sup>2</sup>	PASS
95% Ethanol	240.0hr(s)	40°C	10 mg/dm <sup>2</sup>	< 3.0 mg/dm <sup>2</sup>	PASS
Isooctane	48.0hr(s)	20°C	10 mg/dm <sup>2</sup>	< 3.0 mg/dm <sup>2</sup>	PASS

Note: Test inner side.

C: Commission Regulation (EU) No 10/2011 of 14 January 2011 with amendments–Specific Migration of Heavy Metal

Test Method: With reference to Commission Regulation (EU) No 10/2011 of 14 January 2011 Annex III and Annex V for selection of condition and EN13130-1:2004 for selection of test method, analysis was performed by ICP-OES.

Simulant Used: 3% Acetic Acid (W/V) Aqueous Solution

Test Condition: 40°C 240.0hr(s)



**Food Container PS**

<u>Test Item(s)</u>	<u>Max. Permissible</u>	<u>Unit</u>	<u>Method Detection Limit</u>	<u>Test Result</u>
Migration times	-	-	-	1st
Area/Volume	-	dm <sup>2</sup> /kg	-	7.8
Barium	1	mg/kg	0.25	ND
Cobalt	0.05	mg/kg	0.01	ND
Copper	5	mg/kg	0.25	ND
Iron	48	mg/kg	0.25	ND
Lithium	0.6	mg/kg	0.5	ND
Manganese	0.6	mg/kg	0.25	ND
Zinc	5	mg/kg	0.5	ND
Aluminum	1	mg/kg	0.1	ND
Comment	-	-	-	PASS

Notes:

1. mg/kg = milligram per kilogram of foodstuff in contact with.
2. ND= Not Detected.
3. Test inner side.



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**Food Container BOPS**

<u>Test Item(s)</u>	<u>Max. Permissible</u>	<u>Unit</u>	<u>Method Detection Limit</u>	<u>Test Result</u>
Migration times	-	-	-	1st
Area/Volume	-	dm <sup>2</sup> /kg	-	5.1
Barium	1	mg/kg	0.25	ND
Cobalt	0.05	mg/kg	0.01	ND
Copper	5	mg/kg	0.25	ND
Iron	48	mg/kg	0.25	ND
Lithium	0.6	mg/kg	0.5	ND
Manganese	0.6	mg/kg	0.25	ND
Zinc	5	mg/kg	0.5	ND
Aluminum	1	mg/kg	0.1	ND
Comment	-	-	-	PASS

Notes:

1. mg/kg = milligram per kilogram of foodstuff in contact with.
2. ND= Not Detected.

In conclusion, the material complies with current EU legislation on plastic materials and articles intended for food contact as described in Regulation (EU) No 10/2011 as amended.

Hupack International B.V.

Date: 23-06-2020

Name: Kuanti Fleu

Signature: [Signature]

