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Oldenburg, 21.11.2016

Test report BA 19146

Date of order: 24.10.2016
Receipt of sample: 26.10.2016
Period of testing: 31.10.2016 – 21.11.2016

We received the following sample/s for testing.

Innoform sample no.	description/ designation given by client	sample type/ sample size	sample packed in
123032	Sample Polystyrene, PS white	single sheet(s) approx. 25 sheets DIN A4	paper envelope

1 Task

- overall migration with simulant B (Acetic acid 3 % (w/v)), D1 (Ethanol 50 % (v/v)) and D2 (Vegetable oil), testing conditions: 10 days at 40°C

Z Overall Migration Reg. (EU) No 10/ 2011

Migration testing according to Regulation (EU) No. 10/ 2011 “on plastic materials and articles intended to come into contact with food” and the requirements of the standard EN 1186-1 ff. “Materials and articles in contact with foodstuffs – Plastics”.

In Regulation (EU) No. 10/ 2011 the following overall migration limits (OML) are set:

- **10 mg / dm²** of food contact surface
- **60 mg / kg** food or food simulant (for materials intended for the contact with food for infants and young children)

2.1 results

test standard	DIN EN 1186-1 till 9 ▲
Innoform SOP	046
test conditions	10 days at 40°C
testing modus	cell
repeated use article	no
food simulant	B (Acetic Acid 3% (w/v))
test area	0,5 dm ²
simulant (volume)	25 ml

Innoform sample no. description/ designation given by client	dimension	mean value	single value 1	single value 2	single value 3	limit
123032 (Sample Polystyrene, PS white)	mg/dm ² packaging	< 1,0	< 1,0	< 1,0	< 1,0	compliant

food simulant	D1 (Ethanol 50% (v/v))
test area	0,5 dm ²
simulant (volume)	25 ml

Innoform sample no. description/ designation given by client	dimension	mean value	single value 1	single value 2	single value 3	limit
123032 (Sample Polystyrene, PS white)	mg/dm ² packaging	< 1,0	< 1,0	< 1,0	< 1,0	compliant

food simulant**D2 (Vegetable Oil -Sunflower Oil)**

Method for determining the mass of moisture-sensitive samples

conditioning at 50% r.H

test area

1 dm²

simulant (volume)

50 ml

Innoform sample no. description/ designation given by client	dimension	mean value	single value 1	single value 2	single value 3	limit
123032 (Sample Polystyrene, PS white)	mg/dm ² packaging	3,8	5,2	4,4	< 3,0	compliant ¹

Kind regards



Antje-Gabriele Wessel
Innoform GmbH
Testservice



The test samples are kept for you for a period of 6 months

The copying of extracts from our test reports is not permitted without our prior approval.

¹ The samples contained, according to the preliminary gas chromatographic analysis, components that interfered with the analysis.