



Deutsche  
Akkreditierungsstelle  
D-PL-17789-01-00

# INNOFORM® TESTSERVICE

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Oldenburg, 27.10.2015

## Test report BA 17148-A

Date of order: 27.08.2015  
Receipt of sample: 14.09.2015  
Period of testing: 18.09.2015 - 26.10.2015

We received the following sample/s for testing.

Innoform sample no.	description/ designation given by client	sample type/ sample size	sample packed in
118432	APET Clear	single sheet(s) 12 sheets approx. A4	paper envelope

### 1 Task

- Determination of overall migration with the simulant B (Acetic Acid 3% (w/v)), D1 (Ethanol 50% (v/v)), D2 (Vegetable Oil) and E (Poly(2,6-diphenyl-p-phenylenoxide (Tenax ®)), test conditions: 10 days at 40°C

## 2 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 / dm<sup>2</sup>** 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
repeated use article	no
test conditions	OM2: 10 days at 40°C
intended food contact conditions	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. Test OM 2 covers also food contact conditions described for OM1 and OM3.
<b>simulant</b>	<b>B (Acetic Acid 3% (w/v))</b>
testing modus	cell
test area	0,5 dm <sup>2</sup>
simulant (amount/volume)	25 ml

Innoform sample no. description/ designation given by client	dimension	mean value	single value 1	single value 2	single value 3	limit
118432 (APET Clear)	mg/dm <sup>2</sup> packaging	< 1,0	< 1,0	< 1,0	< 1,0	compliant

<b>simulant</b>	<b>D1 (Ethanol 50% (v/v))</b>
testing modus	cell
test area	0,5 dm <sup>2</sup>
simulant (amount/volume)	25 ml

Innoform sample no. description/ designation given by client	dimension	mean value	single value 1	single value 2	single value 3	limit
118432 (APET Clear)	mg/dm <sup>2</sup> packaging	< 1,0	< 1,0	< 1,0	< 1,0	compliant

**simulant** D2 (Vegetable Oil- Olive Oil)  
testing modus cell  
test area 0,5 dm<sup>2</sup>  
simulant (amount/volume) 25 ml

Innoform sample no. description/ designation given by client	dimension	mean value	single value 1	single value 2	single value 3	limit
118432 (APET Clear)	mg/dm <sup>2</sup> packaging	< 3,0	< 3,0	< 3,0	< 3,0	compliant

**simulant** E (Poly(2,6-diphenyl-p-phenylenoxide (Tenax ®))  
testing modus cell  
test area 1 dm<sup>2</sup>  
simulant (amount/volume) 4 g

Innoform sample no. description/ designation given by client	dimension	mean value	single value 1	single value 2	single value 3	limit
118432 (APET Clear)	mg/dm <sup>2</sup> packaging	< 1,0	< 1,0	< 1,0	< 1,0	compliant

Kind regards

Heike Schwertke  
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.