

## REPORT

**Report No.: 282504/2 modified**
**Sample lab ID: 0001564394**

<b>Customer name/address:</b>	Highland Management Consulting Üzleti és Személyzeti Tanácsadó Kft. 8000 Székesfehérvár Kosztolányi utca 12.
<b>Project:</b>	Migration test (2015/E/05441)
<b>Description of sample:</b>	Before cleaning
<b>Sample ID:</b>	
<b>Producer:</b>	Premium Multi Industries Sdn Bhd 15-1-17 Medan Kampung Relau, Bayan Point, 11900 Bayan Lepas, Pg, Malaysia
<b>Sample type:</b>	Food contact materials, plastic
<b>Sampling by:</b>	Highland Management Consulting
<b>Sampling date / Sampling place:</b>	30.06.2015. / Székesfehérvár
<b>Packaging / Quantity:</b>	Plastic bag / 50 piece
<b>Time of shipment:</b>	01.07.2015. 10:00
<b>Beginning of analysis / end:</b>	01.07.2015. - 22.07.2015.
<b>Comments:</b>	

### EXPERT REPORT

On the basis of investigated parameters the product **complies** the above requirements.

#### Overall migration

##### Applied standard

(1) MSZ EN 1186-3:2002

(2) MSZ EN 1186-14:2003 chapter 3, 5 and 6.

Parameter	Result	Qualification		
		Specification	Source	Evaluation
Overall migration, food simulant: Acetic acid, 3 % (w/v), 1. parallel (mg/dm <sup>2</sup> ) <sup>(1)</sup>	<1	-	-	-
Overall migration, food simulant: Acetic acid, 3 % (w/v), 2. parallel (mg/dm <sup>2</sup> ) <sup>(1)</sup>	<1	-	-	-
Overall migration, food simulant: Acetic acid, 3 % (w/v), 3. parallel (mg/dm <sup>2</sup> ) <sup>(1)</sup>	<1	-	-	-
Overall migration, food simulant: Acetic acid, 3 % (w/v), average (mg/dm <sup>2</sup> ) <sup>(1)</sup>	<1	max. 10	Regulation (EC) No. 10/2011	<b>complies</b>

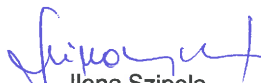
WESSLING Hungary Kft.  
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 H-1325 Budapest, Újpest 1. Pf. 211  
 Tel./Fax: (+36-1) 872 3600, (+36-1) 872 3801  
 www.wessling.hu

Parameter	Result	Qualification		
		Specification	Source	Evaluation
Overall migration, food simulant: Ethanol 10% (v/v), 1. parallel (mg/dm <sup>2</sup> ) <sup>(1)</sup>	<1	-	-	-
Overall migration, food simulant: Ethanol 10% (v/v), 2. parallel (mg/dm <sup>2</sup> ) <sup>(1)</sup>	<1	-	-	-
Overall migration, food simulant: Ethanol 10% (v/v), 3. parallel (mg/dm <sup>2</sup> ) <sup>(1)</sup>	<1	-	-	-
Overall migration, food simulant: Ethanol 10% (v/v), average (mg/dm <sup>2</sup> ) <sup>(1)</sup>	<1	max. 10	Regulation (EC) No. 10/2011	<b>complies</b>
Overall migration, food simulant: Isooctane, 1. parallel (mg/dm <sup>2</sup> ) <sup>(2)</sup>	2.1	-	-	-
Overall migration, food simulant: Isooctane, 2. parallel (mg/dm <sup>2</sup> ) <sup>(2)</sup>	2.7	-	-	-
Overall migration, food simulant: Isooctane, 3. parallel (mg/dm <sup>2</sup> ) <sup>(2)</sup>	2.1	-	-	-
Overall migration, food simulant: Isooctane, average (mg/dm <sup>2</sup> ) <sup>(2)</sup>	2.3	max. 10	Regulation (EC) No. 10/2011	<b>complies</b>

Test conditions:

Contact time and temperature: ethanol 10%, acetic acid 3%: 10 days, 40 °C; isooctane: 2 days, 20 °C

Contact surface/food simulant: 6 dm<sup>2</sup>/kg, by total immersion

  
 Ilona Szipola  
 Head of Laboratory

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## REPORT

Report No.: 282505/2 modified

Sample lab ID: 0001564395

Customer name/address:	Highland Management Consulting Üzleti és Személyzeti Tanácsadó Kft. 8000 Székesfehérvár Kosztolányi utca 12.
Project:	Migration test (2015/E/05441)
Description of sample:	During the purging process
Sample ID:	
Producer:	Premium Multi Industries Sdn Bhd 15-1-17 Medan Kampung Relau, Bayan Point, 11900 Bayan Lepas, Pg, Malaysia
Sample type:	Food contact materials, plastic
Sampling by:	Highland Management Consulting
Sampling date / Sampling place:	30.06.2015. / Székesfehérvár
Packaging / Quantity:	Plastic bag / 50 piece
Time of shipment:	01.07.2015. 10:00
Beginning of analysis / end:	01.07.2015. - 22.07.2015.
Comments:	

### EXPERT REPORT

On the basis of investigated parameters the product **complies** the above requirements.

### Overall migration

#### Applied standard

(1) MSZ EN 1186-3:2002

(2) MSZ EN 1186-14:2003 chapter 3, 5 and 6.

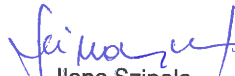
Parameter	Result	Qualification		
		Specification	Source	Evaluation
Overall migration, food simulant: Acetic acid, 3 % (w/v), 1. parallel (mg/dm <sup>2</sup> ) <sup>(1)</sup>	<1	-	-	-
Overall migration, food simulant: Acetic acid, 3 % (w/v), 2. parallel (mg/dm <sup>2</sup> ) <sup>(1)</sup>	<1	-	-	-
Overall migration, food simulant: Acetic acid, 3 % (w/v), 3. parallel (mg/dm <sup>2</sup> ) <sup>(1)</sup>	<1	-	-	-
Overall migration, food simulant: Acetic acid, 3 % (w/v), average (mg/dm <sup>2</sup> ) <sup>(1)</sup>	<1	max. 10	Regulation (EC) No. 10/2011	<b>complies</b>

Parameter	Result	Qualification		
		Specification	Source	Evaluation
Overall migration, food simulant: Ethanol 10% (v/v), 1. parallel (mg/dm <sup>2</sup> ) <sup>(1)</sup>	<1	-	-	-
Overall migration, food simulant: Ethanol 10% (v/v), 2. parallel (mg/dm <sup>2</sup> ) <sup>(1)</sup>	<1	-	-	-
Overall migration, food simulant: Ethanol 10% (v/v), 3. parallel (mg/dm <sup>2</sup> ) <sup>(1)</sup>	<1	-	-	-
Overall migration, food simulant: Ethanol 10% (v/v), average (mg/dm <sup>2</sup> ) <sup>(1)</sup>	<1	max. 10	Regulation (EC) No. 10/2011	<b>complies</b>
Overall migration, food simulant: Isooctane, 1. parallel (mg/dm <sup>2</sup> ) <sup>(2)</sup>	4.4	-	-	-
Overall migration, food simulant: Isooctane, 2. parallel (mg/dm <sup>2</sup> ) <sup>(2)</sup>	3.7	-	-	-
Overall migration, food simulant: Isooctane, 3. parallel (mg/dm <sup>2</sup> ) <sup>(2)</sup>	3.7	-	-	-
Overall migration, food simulant: Isooctane, average (mg/dm <sup>2</sup> ) <sup>(2)</sup>	3.9	max. 10	Regulation (EC) No. 10/2011	<b>complies</b>

Test conditions:

Contact time and temperature: ethanol 10%, acetic acid 3%: 10 days, 40 °C; isooctane: 2 days, 20 °C

Contact surface/food simulant: 6 dm<sup>2</sup>/kg, by total immersion

  
 Ilona Szipola  
 Head of Laboratory

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## REPORT

Report No.: 282506/2 modified

Sample lab ID: 0001564396

Customer name/address:	Highland Management Consulting Üzleti és Személyzeti Tanácsadó Kft. 8000 Székesfehérvár Kosztolányi utca 12.
Project:	Migration test (2015/E/05441)
Description of sample:	PurgeMax cleaning After
Sample ID:	
Producer:	Premium Multi Industries Sdn Bhd 15-1-17 Medan Kampung Relau, Bayan Point, 11900 Bayan Lepas, Pg, Malaysia
Sample type:	Food contact materials, plastic
Sampling by:	Highland Management Consulting
Sampling date / Sampling place:	30.06.2015. / Székesfehérvár
Packaging / Quantity:	Plastic bag / 50 piece
Time of shipment:	01.07.2015. 10:00
Beginning of analysis / end:	01.07.2015. - 22.07.2015.
Comments:	

### EXPERT REPORT

On the basis of investigated parameters the product **complies** the above requirements.

### Overall migration

#### Applied standard

(1) MSZ EN 1186-3:2002

(2) MSZ EN 1186-14:2003 chapter 3, 5 and 6.

Parameter	Result	Qualification		
		Specification	Source	Evaluation
Overall migration, food simulant: Acetic acid, 3 % (w/v), 1. parallel (mg/dm <sup>2</sup> ) <sup>(1)</sup>	<1	-	-	-
Overall migration, food simulant: Acetic acid, 3 % (w/v), 2. parallel (mg/dm <sup>2</sup> ) <sup>(1)</sup>	<1	-	-	-
Overall migration, food simulant: Acetic acid, 3 % (w/v), 3. parallel (mg/dm <sup>2</sup> ) <sup>(1)</sup>	<1	-	-	-
Overall migration, food simulant: Acetic acid, 3 % (w/v), average (mg/dm <sup>2</sup> ) <sup>(1)</sup>	<1	max. 10	Regulation (EC) No. 10/2011	<b>complies</b>

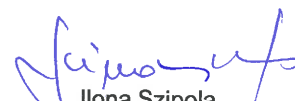
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Parameter	Result	Qualification		
		Specification	Source	Evaluation
Overall migration, food simulant: Ethanol 10% (v/v), 1. parallel (mg/dm <sup>2</sup> ) <sup>(1)</sup>	<1	-	-	-
Overall migration, food simulant: Ethanol 10% (v/v), 2. parallel (mg/dm <sup>2</sup> ) <sup>(1)</sup>	<1	-	-	-
Overall migration, food simulant: Ethanol 10% (v/v), 3. parallel (mg/dm <sup>2</sup> ) <sup>(1)</sup>	<1	-	-	-
Overall migration, food simulant: Ethanol 10% (v/v), average (mg/dm <sup>2</sup> ) <sup>(1)</sup>	<1	max. 10	Regulation (EC) No. 10/2011	<b>complies</b>
Overall migration, food simulant: Isooctane, 1. parallel (mg/dm <sup>2</sup> ) <sup>(2)</sup>	1.7	-	-	-
Overall migration, food simulant: Isooctane, 2. parallel (mg/dm <sup>2</sup> ) <sup>(2)</sup>	2.1	-	-	-
Overall migration, food simulant: Isooctane, 3. parallel (mg/dm <sup>2</sup> ) <sup>(2)</sup>	2.3	-	-	-
Overall migration, food simulant: Isooctane, average (mg/dm <sup>2</sup> ) <sup>(2)</sup>	2.0	max. 10	Regulation (EC) No. 10/2011	<b>complies</b>

Test conditions:

Contact time and temperature: ethanol 10%, acetic acid 3%: 10 days, 40 °C; isooctane: 2 days, 20 °C

Contact surface/food simulant: 6 dm<sup>2</sup>/kg, by total immersion

  
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