

TEST REPORT

APPLICANT : OX-ON A/S
ADDRESS : Egelund 23 Aabenraa 6200 Denmark
SAMPLE DESCRIPTION : 15G grey nylon/spandex with black nitrile palm coating
ITEM NO. : 92066-92072; 92116-92122
PRODUCT MATERIAL : Nylon/spandex+nitrile
SAMPLE RECEIVED DATE : 30-Mar-2020
FURTHER INFORMATION DATE : 21-Apr-2020
TURN AROUND TIME : 30-Mar-2020 to 21-Apr-2020

The following test item(s) was/were performed on submitted sample(s) and/or component(s) confirmed by applicant.

TEST REQUESTED	RESULT
- Sensorial Examination Odour and Taste Test	Pass
- Overall Migration	Pass
- Specific Migration of Heavy Metal	Pass
- Specific Migration of Bisphenol-A(BPA)	Pass
- Specific Migration of Primary Aromatic Amine	Pass
- Specific Migration of Aromatic Amine	Pass

Eurofins (Shanghai) contact information

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***** FOR FURTHER DETAILS, PLEASE REFER TO THE FOLLOWING PAGE(S) *****

Signed for and on behalf of
Eurofins Product Testing Service (Shanghai) Co., Ltd



Lemon Zhang
Assistant Lab Manger

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SAMPLE PHOTO



A

EFSH20032855-CG-02

TO BE CONTINUED

COMPONENT LIST

Component No.	Component	Sample No.
1	Grey fabric with black rubber coating	A

TO BE CONTINUED

TEST RESULT

Sensorial Examination Odour and Taste Test

Test Requested : In accordance with German Food, Articles of Daily Use and Feed Code of September 1, 2005 (LFGB), Section 30 and 31, Regulation (EC) No. 1935/2004 of the European Parliament and of the Council and BfR recommendation.
Sensorial examination odour and taste test

Test Method : Robinson's test with reference to DIN 10955:2004-06
Odour test condition: 20°C 5mins
Taste test condition: 20°C 5mins
Test media: Distilled water
No. of panelist: 6

Test Item(s)	Limit	Test Result
		A
Sensorial examination odour (Point scale)	2.5	0.0
Sensorial examination taste (Point scale)	2.5	0.0

Scale evaluation:

- 0: No perceptible odour
- 1: Odour just perceptible (still difficult to define)
- 2: Moderate odour
- 3: Moderately strong odour
- 4: Strong odour

TO BE CONTINUED

TEST RESULT

Overall Migration

Test Requested : In accordance with German Food, Articles of Daily Use and Feed Code of September 1, 2005 (LFGB), Section 30 and 31 and BfR recommendation, Commission Regulation (EU) No. 10/2011 and its amendments.

Test Method : By reference to EU 10/2011 for selection of test condition;
With reference to EN1186-1:2002 for selection of test methods;
or EN1186-3:2002 aqueous food simulants by total immersion method;
or EN1186-9:2002 aqueous food simulants by article filling method;
or EN1186-2:2002 olive oil by total immersion method;
or EN1186-8:2002 olive oil by article filling method;
or EN1186-14:2002 substitute test

Simulant used	Time	Temperature	Max. Permissible Limit (mg/dm ²)	Result (mg/dm ²)
				1
3% Acetic Acid (W/V) Aqueous Solution	2hours	70°C	10	<3.0*
10% Ethanol (V/V) Aqueous Solution	2hours	70°C	10	6.3
95% Ethanol (V/V) Aqueous Solution (Rectified Olive Oil substitute)	2hours	60°C	10	<3.0*
Isooctane (Rectified Olive Oil Substitute)	0.5hour	40°C	10	<3.0*

Note:

- (1) mg/dm² = milligram per square decimeter
- (2) Analytical tolerance of aqueous simulants is 1 mg/dm²
- (3) Analytical tolerance of fatty food simulants is 3 mg/dm²
- (4) Test condition & simulant were specified by client.
- (5) * Article used for repeated use, tests carried out three times using fresh simulant on each occasion, and the compliance is checked on the basis of the level of the migration found in the third test.

TO BE CONTINUED

TEST RESULT

Specific Migration of Heavy Metal

Test Requested : In accordance with German Food, Articles of Daily Use and Feed Code of September 1, 2005 (LFGB), Section 30 and 31, and BfR recommendation, Commission Regulation (EU) No. 10/2011 and its amendments.

Test Method : With reference to Regulation (EU) 10/2011 for selection of test condition and EN 13130-1:2004 for test preparation method; analysis was performed by ICP-OES.

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

Test Condition: 20°C 5mins

Test Item(s)	Max. Permissible limit	Unit	MDL	Test Result
				1
Barium	1	mg/kg	0.25	ND
Cobalt	0.05	mg/kg	0.05	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	0.05	ND
Zinc	5	mg/kg	0.5	ND
Aluminium	1	mg/kg	0.1	ND
Nickel	0.02	mg/kg	0.01	ND

Note:

- (1) mg/kg = milligram per kilogram
- (2) MDL = Method Detection Limit
- (3) ND = Not Detected(<MDL)
- (4) Test condition & simulant were specified by client.

Specific Migration of Bisphenol-A(BPA)

Test Requested : In accordance with German Food, Articles of Daily Use and Feed Code of September 1, 2005 (LFGB), Section 30 and 31, and BfR recommendation, Commission Regulation (EU) No. 10/2011 and its amendments Commission Regulation (EU) No 2018/213.

Test Method : With reference to Regulation (EU) 10/2011 for selection of test condition and EN 13130-1:2004 for test preparation method; analysis was performed by HPLC-MS

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

Test Condition : 20°C 5mins

Test Item(s)	Limit	Unit	MDL	Result
				1
Specific migration of 2,2-bis(4-hydroxyphenyl) propane (Bisphenol A)	0.05	mg/kg	0.01	ND

Note:

- (1) mg/kg =milligram per kilogram
- (2) MDL = method detection limit
- (3) ND = not detected (<MDL)
- (4) Test condition & simulant were specified by client.

TO BE CONTINUED

TEST RESULT

Specific Migration of Primary Aromatic Amine

Test Requested : In accordance with German Food, Articles of Daily Use and Feed Code of September 1, 2005 (LFGB), Section 30 and 31, and BfR recommendation, Commission Regulation (EU) No. 10/2011 and its amendments.

Test Method : With reference to Regulation (EU) 10/2011 for selection of test condition and EN 13130-1:2004 for test preparation method; analysis was performed by UV-Vis.

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

Test Condition : 20°C 5mins

Test Item(s)	Limit	Unit	MDL	Result
				1
Specific Migration of Primary Aromatic Amine	0.01	mg/kg	0.01	ND

Note :

- (1) mg/kg = milligram per kilogram
- (2) ND = Not detected
- (3) MDL = Method Detection Limit
- (4) Test condition & simulant were specified by client.

Specific Migration of Aromatic Amine

Test Requested : In accordance with German Food, Articles of Daily Use and Feed Code of September 1, 2005 (LFGB), Section 30 and 31, Council of Europe Resolution, AP (2004) 4 and BfR Commission, European Commission Directive 93/11/EEC.

Test Method : With reference to Regulation (EU) 10/2011 for selection of test condition and EN 13130-1:2004 for test preparation method; analysis was performed by UV-Vis.

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

Test Condition : 20°C 5mins

Test Item(s)	Limit	Unit	MDL	Result
				1
Specific Migration of Aromatic Amine	0.01	mg/kg	0.01	ND

Note :

- (1) mg/kg = milligram per kilogram
- (2) ND = Not detected
- (3) MDL = Method Detection Limit
- (4) Test condition & simulant were specified by client.

*** END OF THE REPORT ***