TEST REPORT

Test Report #	18A-004343-2-S2	Date of Report Issue:	November 1, 2018
Date of Sample Received:	September 30, 2018	Pages:	Page 1 of 14

CLIENT INFORMATION:

Company:	Mid Ocean Brands B.V.
Address:	7/F,Kings Tower,111 King Lam Street,Cheung Sha Wan, Kowloon, Hong Kong

SAMPLE INFORMATION:

Product Name:	Yoga mat
Model/style No.:	MO9463
Main Material:	EVA, polyester
Buyer:	Mid Ocean Brands B.V.
Supplier:	100396
Country of Distribution:	EU
Testing Period:	09/30/2018-10/16/2018,10/23/2018-10/25/2018

OVERALL RESULT: PASS

Refer to page 2 for test result summary and appropriate notes.

HANGZHOU ASIAINSPECTION
TESTING TECHNOLOGY CO., LTD

Kevin Lee
Technical Manager

TEST REPORT

TEST RESULTS SUMMARY:

At the request of the client, the following tests were conducted:

CONCLUSION	TEST(S) CONDUCTED
PASS	Regulation (EC) No. 1907/2006 REACH Annex XVII, Item 63 Lead in Substrate Materials
PASS	Regulation (EC) No. 1907/2006 REACH Annex XVII, Item 23 Cadmium in Substrate Materials
Refer to Detailed Results	Regulation (EC) No. 1907/2006 REACH Annex XVII, Item 43 Azocolorants in Textiles
PASS	Regulation (EC) No. 1907/2006 REACH Annex XVII, Item 43 Azocolorants – 4-Aminoazobenzene in Textiles
PASS	[+]Regulation (EC) No. 1907/2006 REACH Annex XVII, Item 51 and 52 Phthalates – Mouthable (DBP, BBP, DEHP, DnOP, DINP, DIDP)
PASS	[+]Regulation (EC) No. 1907/2006 REACH Annex XVII, Item 50 Polycyclic Aromatic Hydrocarbon (PAH)
PASS	Colour Fastness to Rubbing

Remark:
1) Test results are transferred from test report no. 18A-004343-1-S2 date: 10/25/2018
2) [+]Revised information and supersedes the previous report no. 18A-004343-2-S1 date: 10/25/2018

DETAILED RESULTS:

Regulation (EC) No. 1907/2006 REACH Annex XVII, Item 63 Lead in Substrate Materials

Test Method: CPSC-CH-E1001-08.3 (Metal) and/or CPSC-CH-E1002-08.3 (Non-Metal)
Analytical Method: Inductively Coupled Plasma-Optical Emission Spectrometry

Specimen No.	1	2	8+9	10+11	---	**Limit (mg/kg)**
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	
Total Lead (Pb)	ND	ND	78	64	---	**500**
Conclusion	PASS	PASS	PASS	PASS	---	

Note:
mg/kg = Milligrams per kilogram
LT = Less than
ND = Not detected (Reporting Limit = 15 mg/kg)
Composite results are based on specimen of least mass resulting in highest potential concentration.

DETAILED RESULTS:

Regulation (EC) No. 1907/2006 REACH Annex XVII, Item 23 Cadmium in Substrate Materials

Test Method: ASTM F963-17 Clause 8.3.1
Analytical Method: Inductively Coupled Plasma-Optical Emission Spectrometry

Specimen No.	1	2	8+9	10+11	---	**Limit (mg/kg)**
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	
Total Cadmium (Cd)	ND	ND	ND	ND	---	**100**
Conclusion	PASS	PASS	PASS	PASS	---	

Note:
mg/kg = Milligrams per kilogram
LT = Less than
ND = Not detected (Reporting Limit = 15mg/kg)
Composite results are based on specimen of least mass resulting in highest potential concentration.

DETAILED RESULTS:

Regulation (EC) No. 1907/2006 REACH Annex XVII, Item 43 Azocolorants in Textiles

Test Method: EN 14362-1:2012
Analytical Method: Gas Chromatography with Mass Spectrometry

Specimen No.		3+4+5	6+7	---	---	**Limit (mg/kg)**
Test Item	CAS No.	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	
4-aminobiphenyl	92-67-1	ND	ND	---	---	**30**
Benzidine	92-87-5	ND	ND	---	---	**30**
4-chloro-o-toluidine	95-69-2	ND	ND	---	---	**30**
2-naphtylamine	91-59-8	ND	ND	---	---	**30**
2-Amino-4-Nitrotoluene	97-56-3	ND	ND	---	---	**30**
5-nitro-o-toluidine	99-55-8	ND	ND	---	---	**30**
4-chloroaniline	106-47-8	ND	ND	---	---	**30**
4 methoxy-m - phenylenediamine	615-05-4	ND	ND	---	---	**30**
4,4'-diaminodiphenyl methane	101-77-9	ND	ND	---	---	**30**
3,3'-dichlorobenzidine	91-94-1	ND	ND	---	---	**30**
3,3'-dimethoxybenzidine	119-90-4	ND	ND	---	---	**30**
3,3'-dimethylbenzidine	119-93-7	ND	ND	---	---	**30**
3,3'-dimethyl-4,4'-diaminodiphenyl methane	838-88-0	ND	ND	---	---	**30**
p-cresidine	120-71-8	ND	ND	---	---	**30**
4,4'-methylene-bis-(2-chloro-aniline)	101-14-4	ND	ND	---	---	**30**
4,4'-oxydianiline	101-80-4	ND	ND	---	---	**30**
4,4'-thiodianiline	139-65-1	ND	ND	---	---	**30**
o-toluidine	95-53-4	ND	ND	---	---	**30**
2,4-toluylenediamine	95-80-7	ND	ND	---	---	**30**
2,4,5-trimethylaniline	137-17-7	ND	ND	---	---	**30**
2-methoxyaniline	90-04-0	ND	ND	---	---	**30**
4-aminoazobenzene	60-09-3	Detected*	ND	---	---	**30**
Conclusion		Refer to PAAB Results	PASS	---	---	

Note:
mg/kg = Milligrams per kilogram
LT = Less than
ND = Not detected (Reporting Limit = 5 mg/kg)
Composite results are based on total mass of the composite test portion.

Remark:
In the case of levels per amine component less than or equal to 30 mg/kg, according to the analysis as carried out, azo colorants which can release one or more of certain listed amines by cleavage of their azo group/s were not detected in the commodity submitted.

*The presence of 4-aminoazobenzene (PAAB) releasing colorants was detected, therefore, EN 14362-3 was conducted for confirmation.

DETAILED RESULTS:

Regulation (EC) No. 1907/2006 REACH Annex XVII, Item 43 Azocolorants – 4-Aminoazobenzene in Textiles

Test Method: EN 14362-3:2012
Analytical Method: Gas Chromatography with Mass Spectrometry

Specimen No.		3+4+5	---	---	---	**Limit (mg/kg)**
Test Item	CAS No.	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	
4-aminoazobenzene	60-09-3	ND	---	---	---	**30**
Conclusion		PASS	---	---	---	

Note:
mg/kg = Milligrams per kilogram
LT = Less than
ND = Not detected (Reporting Limit = 5 mg/kg)
Composite results are based on total mass of the composite test portion.

Remark:
In the case of determined levels of 4-aminoazobenzene less than or equal to 30 mg/kg

- According to the analysis as carried out, azo colorants which can release 4-aminoazobenzene by reductive cleavage of their azo group/s were not detected in the commodity submitted.

DETAILED RESULTS:

[+]Regulation (EC) No. 1907/2006 REACH Annex XVII, Item 51 and 52 Phthalates – Mouthable (DBP, BBP, DEHP, DnOP, DINP, DIDP)

Test Method: CPSC-CH-C1001-09.4
Analytical Method: Gas Chromatography with Mass Spectrometry

Specimen No.		1	2	10+11	12+13	**Limit (% m/m)**
Test Item	CAS No.	Result (% m/m)	Result (% m/m)	Result (% m/m)	Result (% m/m)	
Dibutyl phthalate (DBP)	84-74-2	ND	ND	ND	ND	
Benzyl butyl phthalate (BBP)	85-68-7	ND	ND	ND	ND	
Di-(2-ethylhexyl) phthalate (DEHP)	117-81-7	ND	ND	0.017	ND	
Sum of DBP, BBP, DEHP		ND	ND	0.017	ND	**0.1**
Di-n-octyl phthalate (DnOP)	117-84-0	ND	ND	ND	ND	
Diisononyl phthalate (DINP)	28553-12-0 68515-48-0	ND	ND	ND	ND	
Diisodecyl phthalate (DIDP)	26761-40-0 68515-49-1	ND	ND	ND	ND	
Sum of DnOP, DINP, DIDP		ND	ND	ND	ND	**0.1**
Conclusion		PASS	PASS	PASS	PASS	

Note:
% m/m = Percent by mass
LT = Less than
ND = Not detected (Reporting Limit = 0.015 % m/m)
Composite results are based on specimen of least mass resulting in highest potential concentration.

DETAILED RESULTS:

[+]Regulation (EC) No. 1907/2006 REACH Annex XVII, Item 50 Polycyclic Aromatic Hydrocarbon (PAH)

Test Method: AfPS GS 2014:01
Analytical Method: Gas Chromatography with Mass Spectrometry

Specimen No.		1	2	10+11	12+13	**Limit (mg/kg)**
Test Item	CAS No.	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	
Benzo [a] pyrene (BaP)	50-32-8	ND	ND	ND	ND	**1**
Benzo [e] pyrene (BeP)	192-97-2	ND	ND	ND	ND	**1**
Benzo [a] anthracene (BaA)	56-55-3	ND	ND	ND	ND	**1**
Chrysene (CHR)	218-01-9	ND	ND	ND	ND	**1**
Benzo [b] fluroranthene (BbFA)	205-99-2	ND	ND	ND	ND	**1**
Benzo [j] fluroranthene (BjFA)	205-82-3	ND	ND	ND	ND	**1**
Benzo [k] fluroranthene (BkFA)	207-08-9	ND	ND	ND	ND	**1**
Dibenzo [a,h] anthracene (DBAhA)	53-70-3	ND	ND	ND	ND	**1**
Conclusion		PASS	PASS	PASS	PASS	

Note:

mg/kg = Milligrams per kilogram

LT = Less than

ND = Not detected (Reporting Limit = 0.2 mg/kg)

Composite results are based on specimen of least mass resulting in highest potential concentration.

DETAILED RESULTS:

Colour Fastness to Rubbing

Test Method: With reference to ISO 105-X12: 2016; Size of rubbing finger: 16mm dia.

Specimen No.	1		
Items	Client's requirement	Result (Grade)	Conclusion
Dry staining	Min. 2-3	4	PASS
Wet staining	Min. 2-3	4-5	

Remark: Grey Scale rating is based on the 5-step scale of 1 to 5, where 1 is bad and 5 is good.

Colour Fastness to Rubbing

Test Method: ISO 105-X12: 2016; Size of rubbing finger: 16mm dia.

Specimen No.	3		
Items	Client's requirement	Result (Grade)	Conclusion
Dry staining	Min. 2-3	4-5	PASS
Wet staining	Min. 2-3	4-5	

Specimen No.	4		
Items	Client's requirement	Result (Grade)	Conclusion
Dry staining	Min. 2-3	4-5	PASS
Wet staining	Min. 2-3	4-5	

Specimen No.	6		
Items	Client's requirement	Result (Grade)	Conclusion
Dry staining	Min. 2-3	4-5	PASS
Wet staining	Min. 2-3	4-5	

Remark: Grey Scale rating is based on the 5-step scale of 1 to 5, where 1 is bad and 5 is good.

+SPECIMEN DESCRIPTION:

Specimen No.	Specimen Description	Location
1	Blue foam	Mat
2	Black soft plastic	Elastic
3	Black textile	Elastic
4	Black textile	Bag
5	Black mesh textile	Bag
6	Black textile	Strap
7	Black textile	Rope
8	Black plastic	Main body of hasp
9	Black plastic	Button of hasp
10	Black plastic	Square buckle
11	Black plastic	Adjustable buckle
12	Black plastic	Main body of hasp
13	Black plastic	Button of hasp

SAMPLE PHOTO:

18A-004343-2

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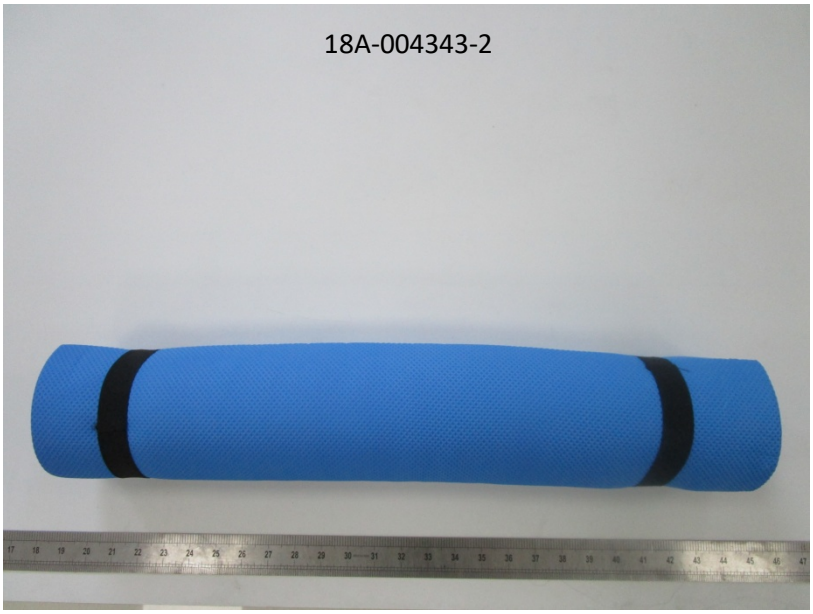
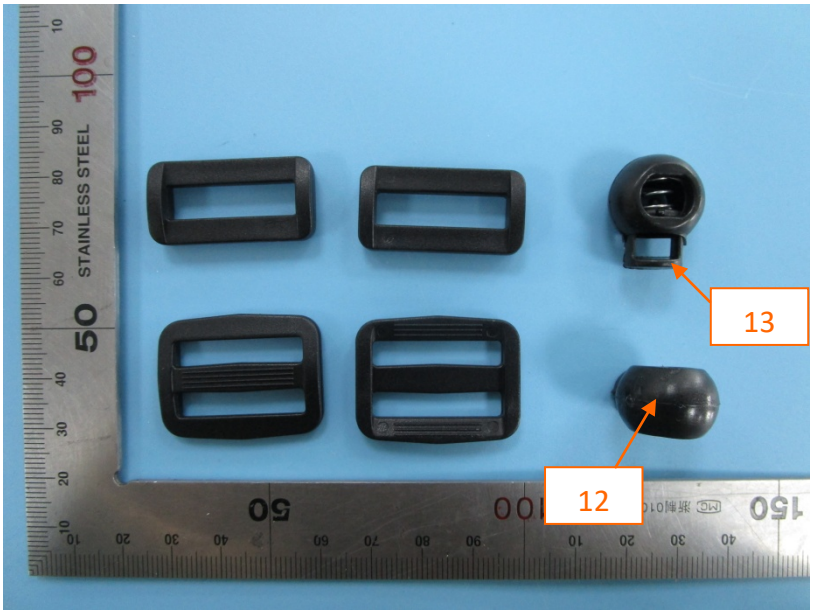


+SAMPLE PHOTO:



+PRODUCT PHOTO:

-End Report-