

# GUANGDONG WONDER TESTING INTERNATIONAL CO., LTD.

## TEST REPORT

Report No.: WDJ250100007EN

Applicant: Mid Ocean Brands B.V.

Address: Unit 711- 716, 7/F., Tower A, 83 King Lam  
Street

Cheung Sha Wan, Kowloon, Hong Kong

Date: Oct. 16, 2025



Traceability

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Cheung Sha Wan, Kowloon, Hong Kong

The following information was (were) submitted and identified by client:

**Sample Name:** Lightweight large beach mat**Style of Sample:** MO2882**Supplier:** 107961**Sample Received Date:** Sep. 30, 2025**Completed Date:** Oct. 15, 2025**Test Result(s):** Please refer to next page(s).**Test Requested and Conclusion(s):**

No.	Test Sample(s)	Standard(s) and Requirement(s)	Conclusion(s)	Signed by
As requested by the client, test items as below:				
1	Tested materials of submitted samples	AZO content-Regulation (EC) No.1907/2006, REACH Annex XVII (entry 43)	PASS	Andy Zhu
2	Tested materials of submitted samples	Lead(Pb) content-Regulation (EC) No.1907/2006, REACH Annex XVII (entry 63)	PASS	
3	Tested materials of submitted samples	Cadmium(Cd) content-Regulation (EC) No.1907/2006, REACH Annex XVII (entry 23)	PASS	
4	Tested materials of submitted samples	Phthalates content-Regulation (EC) No.1907/2006, REACH Annex XVII (entry 51&52)	PASS	
5	Tested materials of submitted samples	Polycyclic Aromatic Hydrocarbons(PAHs) content-Regulation (EC) No.1907/2006, REACH Annex XVII (entry 50)	PASS	
6	Submitted sample	Color Fastness to Rubbing-Client's Requirement	PASS	Sally

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**TEST PART DESCRIPTION:**

- 1# Black fabric (main body)+ grey fabric (main body)
- 2# Black fabric (main body)
- 3# Grey fabric (main body)
- 4# Black fabric string+ black fabric belt
- 5# Black plastic button+ black plastic rod
- 6# Silvery metal spring



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## Test Result(s):

### 1.AZO Content

**Test Method:** With reference to EN ISO 14362-1:2017, Analysis was performed by GC-MS.

Test Items		MDL (mg/kg)	Test Results(mg/kg)		Limited Value (mg/kg)
CAS NO.	prohibitive aromatic amines		1#▲	4#▲	
92-67-1	4-Aminobiphenyl	5	N.D.	N.D.	30
92-87-5	Benzidine	5	N.D.	N.D.	30
95-69-2	4-Chloro-o-toluidine	5	N.D.	N.D.	30
91-59-8	2-Naphthylamine	5	N.D.	N.D.	30
97-56-3	O-Aminoazotoluene	5	N.D.	N.D.	30
99-55-8	5-nitro-o-toluidine	5	N.D.	N.D.	30
106-47-8	4-Chloroaniline	5	N.D.	N.D.	30
615-05-4	4-methoxy-m-phenylenediamine	5	N.D.	N.D.	30
101-77-9	4,4'-methylenedianiline	5	N.D.	N.D.	30
91-94-1	3,3'-Dichlorobenzidine	5	N.D.	N.D.	30
119-90-4	3,3'-Dimethoxybenzidine	5	N.D.	N.D.	30
119-93-7	3,3'-Dimethylbenzidine	5	N.D.	N.D.	30
838-88-0	4,4'-methylenedi-o-toluidine	5	N.D.	N.D.	30
120-71-8	P-Cresidine	5	N.D.	N.D.	30
101-14-4	4,4'-Methylene-bis-(2-Chloro-aniline)	5	N.D.	N.D.	30
101-80-4	4,4'-oxydianiline	5	N.D.	N.D.	30
139-65-1	4,4'-Thiodianiline	5	N.D.	N.D.	30
95-53-4	O-Toluidine	5	N.D.	N.D.	30
95-80-7	4-methyl-m-phenylenediamine	5	N.D.	N.D.	30
137-17-7	2,4,5-Trimethylaniline	5	N.D.	N.D.	30
60-09-03	4-Aminoazobenzene	5	N.D.	N.D.	30
90-04-0	O-Anisidine	5	N.D.	N.D.	30

**Remark:** The above limited value was quoted according to EC Regulation 1907/2006 REACH Annex XVII (entry 43).

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## Test Result(s):

### 2. Lead(Pb) Content

**Test Method:** With reference to EPA 3052-1996 & EPA 6010D-2018, Analysis was performed by ICP-AES.

Test Item	MDL (mg/kg)	Test Results (mg/kg)			Limited Value (mg/kg)
		1#▲	4#▲	5#▲	
Lead(Pb)	10	N.D.	N.D.	76	500

**Test Method:** With reference to EPA 3050B-1996 & EPA 6010D-2018, Analysis was performed by ICP-AES.

Test Item	MDL (mg/kg)	Test Results (mg/kg)	Limited Value (mg/kg)
		6#	
Lead(Pb)	10	N.D.	500

**Remark:** The above limited value was quoted according to EC Regulation 1907/2006, REACH Annex XVII (entry 63).

### 3. Cadmium (Cd) Content

**Test Method:** With reference to EN 1122- 2001 Method B, Analysis was performed by ICP-AES.

Test Item(s)	MDL (mg/kg)	Test Results (mg/kg)	Limited Value (mg/kg)
		5#▲	
Cadmium (Cd)	10	N.D.	100

**Remark:** The above limited value was quoted according to EC Regulation 1907/2006, REACH Annex XVII (entry 23).

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## Test Result(s):

### 4. Phthalates Content

**Test Method:** With reference to EN 14372-2004, Analysis was performed by GC-MS.

Test Item(s)	Unit	MDL	Test Results	Limited Value
			5# <sup>▲</sup>	
Dibutyl Phthalate((DBP)	%	0.005	N.D.	---
Benzylbutyl Phthalate(BBP)		0.005	N.D.	---
Di-(2-ethylhexyl)Phthalate(DEHP)		0.005	0.03	---
Di-isobutyl phthalate (DIBP)		0.005	N.D.	---
Total (DBP+BBP+DEHP+DIBP)		---	0.03	< 0.1

Test Item(s)	Unit	MDL	Test Results	Limited Value
			5# <sup>▲</sup>	
Di-iso-nonylphthalate(DINP)	%	0.005	0.008	---
Di-n-octylphthalate(DNOP)		0.005	N.D.	---
Di-iso-decylphthalate(DIDP)		0.005	N.D.	---
Total (DINP+DNOP+DIDP)		---	< 0.015	< 0.1

**Remark:** The above limited value was quoted according to EC Regulation 1907/2006, REACH Annex XVII (entry 51&52).



**Test Result(s):**
**5. PAHs Contents**
**Test Method:** With reference to AfPS GS 2019:01 PAK, Analysis was performed by GC-MS.

Test Items	CAS No.	MDL (mg/kg)	Test Results (mg/kg)	Limited Value(mg/kg)	
			5#▲	Category I	Category II
Benzo[a]pyrene	50-32-8	0.1	N.D.	1	0.5
Benzo[e]pyrene	192-97-2	0.1	N.D.	1	0.5
Benzo[a]anthracene	56-55-3	0.1	N.D.	1	0.5
Chrysene	218-01-9	0.1	N.D.	1	0.5
Benzo[b]fluoranthene	205-99-2	0.1	N.D.	1	0.5
Benzo[j]fluoranthene	205-82-3	0.1	N.D.	1	0.5
Benzo[k]fluoranthene	207-08-9	0.1	N.D.	1	0.5
Dibenzo[a,h]anthracene	53-70-3	0.1	N.D.	1	0.5

**LIMITS FOR PAHs:**

Parameter	Category I	Category II
PAHs	Such articles include amongst other: 1. Sport equipment such as bicycles, golf clubs, racquets 2. House-hold utensils, trolleys, walking frames 3. tools for domestic use 4. clothing, footwear, gloves and sportwear 5. watch-straps, wrist-bands, masks, head-bands	Toys, including activity toys, and childcare articles

**Remark:** The above limited value was quoted according to EC Regulation 1907/2006, REACH Annex XVII (entry 50).

**6.Color Fastness to Rubbing**
**Test Method:** With reference to EN ISO 105-X12:2016.

Test Item(s)		Unit	Test Result(s)		Client's Requirement
			2#	3#	
Color Fastness to Rubbing	Dry	grade	4-5	4-5	2-3
	Wet	grade	4	4-5	2-3

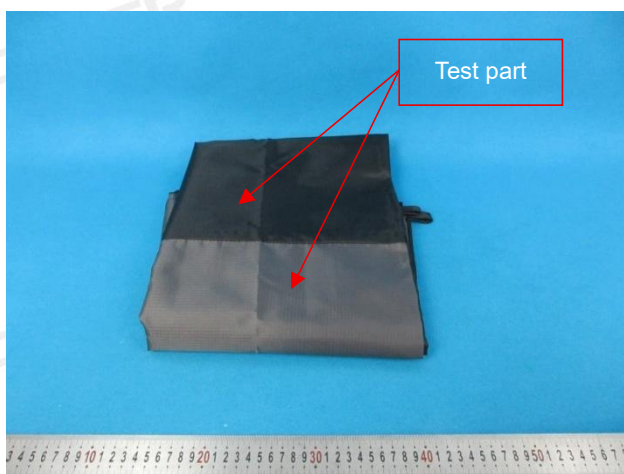
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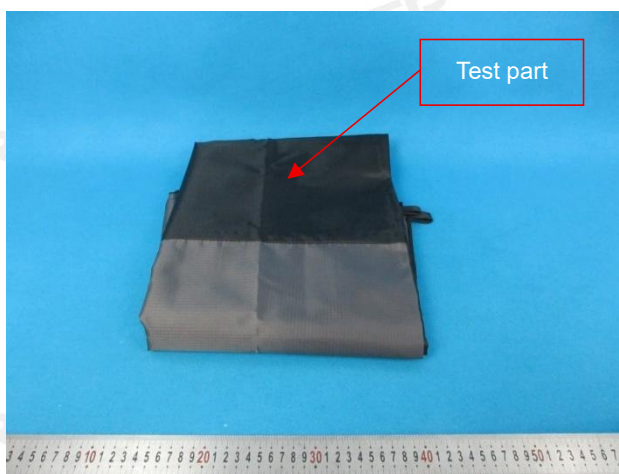
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- Note:
- 1.mg/kg = milligrams per kilograms;
  - 2.MDL= method detection limit
  - 3.N.D. = not detected, < MDL
  4. “▲” =Mixed test
  - 5.All items in this report are subcontracted items.

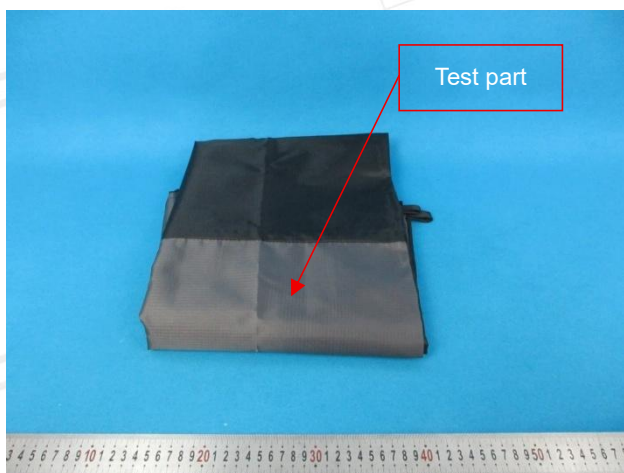
## Photo(s) of Sample(s):



1#



2#



3#

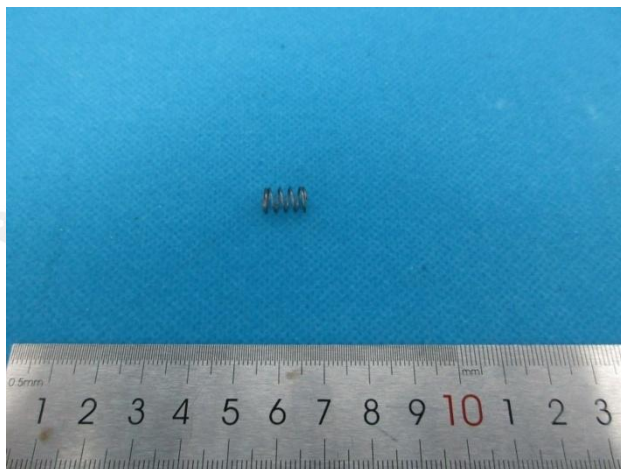


4#





5#



6#

The following photo(s) is for display only:



\*\*\*End of Report\*\*\*

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