



中国认可
国际互认
检测
TESTING
CNAS L6478



TEST REPORT

Report No. : WTF25F11308215C
Job No. : FSW2511210979CJ
Applicant : Mid Ocean Brands B.V.
Address : Unit 711-716, 7/F., Tower A, 83 King Lam Street, Cheung Sha
Wan, Kowloon, Hong Kong.
Manufacturer : 115628
Sample Name : ID badges
Sample Model : MLID01, MLID02, MLID03, MLID04, MLID05, MLID06,
MLID07, MLID08
Test Requested : Refer to next page (s)
Test Method : Refer to next page (s)
Test Conclusion : **Pass** (please refer to next pages for details)
Date of Receipt Sample : 2025-11-21
Testing Period : 2025-11-21 to 2025-11-27
Date of Issue : 2025-11-27
Test Result : Refer to next page (s)

Prepared By:

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Signed for and on behalf of
Waltek Testing Group (Foshan) Co., Ltd.

Swing Liang



WTF25F11308215C

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Waltek Testing Group (Foshan) Co., Ltd.
<http://www.waltek.com.cn>



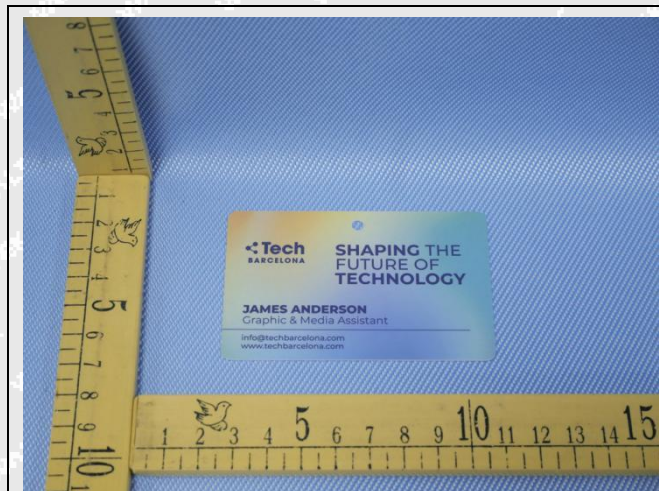
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Summary

Item No.	Test Requested	Test Conclusion
1	Determination of Lead content in the submitted sample in accordance with REACH regulation Annex XVII Entries 63 (EC) No. 1907/2006 and the amendment No. 836/2012 and (EU) 2015/628	Pass
2	Determination of Cadmium content in the submitted sample in accordance with REACH regulation Annex XVII Entries 23 (EC) No. 1907/2006 and the amendment No. 552/2009, No. 494/2011, No. 835/2012 and (EU) 2016/217	Pass
3	Determination of specified Phthalates content according to Annex XVII Items 51 & 52 of the REACH Regulation (EC) No. 1907/2006 & Amendment No. 552/2009 & No. 2018/2005	Pass
4	Determination of specified Polycyclic Aromatic Hydrocarbons (PAHs) content in submitted sample in accordance with Entries 50 of Annex XVII of REACH Regulation (EC) No 1907/2006 and its amendment Regulation (EU) No 1272/2013.	Pass

Sample photo:



MLID01



MLID02



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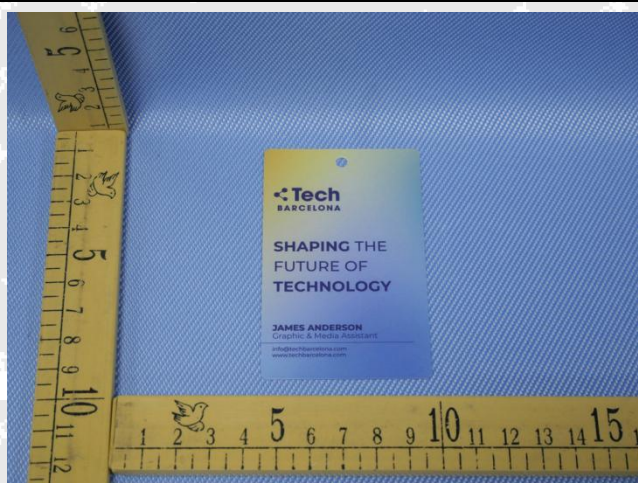
MLID03



MLID04



MLID05



MLID06



MLID07



MLID08



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Test Results:

1) Lead (Pb)

Test Method: With reference to IEC 62321-5:2013, the analysis was performed by ICP-OES.

Test Item	LOQ (mg/kg)	Results (mg/kg)		Limit (mg/kg)
		No.1+No.2+No.3	No.4	
Lead(Pb)	2	ND*	ND	500
Conclusion	--	Pass	Pass	--

Test Item	LOQ (mg/kg)	Results (mg/kg)		Limit (mg/kg)
		No.5+No.6+No.7	No.8	
Lead(Pb)	2	ND*	ND	500
Conclusion	--	Pass	Pass	--

Note:

- (1) mg/kg = milligram per kilogram
- (2) ND = Not Detected (lower than LOQ)
- (3) LOQ = Limit of quantitation
- (4) Limit of Lead was quoted from REACH regulation Annex XVII Item 63 (EC) No. 1907/2006 and the amendment No. 836/2012 and (EU) 2015/628.
- (5) "*" = As per applicant's requirement, the testing was conducted based on mixed components by weight in equal ratio, results are calculated by the minimum weight of mixed components.



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2) Cadmium (Cd)

Test Method: With reference to IEC 62321-5:2013, the analysis was performed by ICP-OES.

Test Item	LOQ (mg/kg)	Results (mg/kg)	
		No.1+No.2+No.3	No.4
Cadmium(Cd)	2	ND*	ND
Conclusion	--	Pass	Pass

Note:

(1) mg/kg = milligram per kilogram

(2) ND = Not Detected (lower than LOQ)

(3) LOQ = Limit of quantitation

(4) Limit of Cadmium according to REACH regulation Annex XVII Item 23 (EC) No. 1907/2006 and the amendment No. 552/2009, No. 494/2011 and No. 835/2012 and (EU) 2016/217.

Category	Limit (mg/kg)
Wet paint	100
Surface coating	1000
Plastic	100
Metal parts of jewellery and hair accessories	100

(5) "*" = As per applicant's requirement, the testing was conducted based on mixed components by weight in equal ratio, results are calculated by the minimum weight of mixed components.



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3) Phthalates

Test Method: With reference to EN14372:2004, by Gas Chromatographic-Mass Spectrometric (GC-MS) analysis.

Test Items	LOQ (%)	Results (%)		Limit (%)
		No.1+No.2+No.3	No.4	
Benzyl butyl phthalate (BBP)	0.005	ND*	ND	sum of four phthalates < 0.1
Di (2-ethyl hexyl)- phthalate (DEHP)	0.005	ND*	ND	
Dibutyl phthalate (DBP)	0.005	ND*	ND	
Diisobutyl phthalate (DIBP)	0.005	ND*	ND	
Diisodecyl phthalate (DIDP)	0.01	ND*	ND	sum of three phthalates < 0.1
Diisononyl phthalate (DINP)	0.01	ND*	ND	
Di-n-octyl phthalate (DNOP)	0.005	ND*	ND	
Conclusion	--	Pass	Pass	--

Note:

DBP= Dibutyl phthalate

BBP= Benzyl butyl phthalate

DEHP= Bis-(2-ethylhexyl)- phthalate

DINP= Di-isononyl phthalate

DNOP= Di-n-octyl phthalate

DIDP= Di-isodecyl phthalate

DIBP= Diisobutyl phthalate

(1) % = percentage by weight

(2) ND = Not Detected or lower than limit of quantitation

(3) LOQ = Limit of quantitation

(4) "<" = less than

(5) The above limit was quoted according to Annex XVII Items 51 & 52 of the REACH Regulation (EC) No.

1907/2006 & Amendment No. 552/2009 & No. 2018/2005 (formerly known as Directive 2005/84/EC) for phthalate content in toys and child care articles.

(6) "*" = As per applicant's requirement, the testing was conducted based on mixed components by weight in equal ratio, results are calculated by the minimum weight of mixed components.



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4) Polycyclic Aromatic Hydrocarbons (PAHs)

Test Method: With reference to AFPS GS 2019:01 PAK method, analysis was performed by Gas Chromatographic Mass Spectrometry (GC-MS).

Test Items	Unit	Results		LOQ	Limit
		No.1+No.2+No.3	No.4		
Benzo(a)anthracene (BaA)	mg/kg	ND*	ND	0.2	1.0
Chrysene (CHR)	mg/kg	ND*	ND	0.2	1.0
Benzo[b]fluoranthene (BbFA)	mg/kg	ND*	ND	0.2	1.0
Benzo[k]fluoranthene (BkFA)	mg/kg	ND*	ND	0.2	1.0
Benzo(a)pyrene (BaP)	mg/kg	ND*	ND	0.2	1.0
Dibenzo[a,h]anthracene (DBA _h A)	mg/kg	ND*	ND	0.2	1.0
Benzo[j]fluoranthene (BjFA)	mg/kg	ND*	ND	0.2	1.0
Benzo[e]Pyrene (BeP)	mg/kg	ND*	ND	0.2	1.0
Conclusion	--	Pass	Pass	--	--

Note:

- (1) ND = Not Detected or lower than limit of quantitation
- (2) mg/kg=milligram per kilogram=ppm
- (3) LOQ = Limit of quantitation
- (4) As per Entries 50 of Annex XVII of REACH Regulation (EC) No 1907/2006 and its amendment Regulation (EU) No 1272/2013, Articles shall not be placed on the market for supply to the general public, if any of their rubber or plastic components that come into direct as well as prolonged or short-term repetitive contact with the human skin or the oral cavity, under normal or reasonably foreseeable conditions of use, contain more than 1 mg/kg (0,0001 % by weight of this component) of any of the listed PAHs.
- (5) As per Entries 50 of Annex XVII of REACH Regulation (EC) No 1907/2006 and its amendment Regulation (EU) No 1272/2013, Toys, including activity toys, and childcare articles, shall not be placed on the market, if any of their rubber or plastic components that come into direct as well as prolonged or short-term repetitive contact with the human skin or the oral cavity, under normal or reasonably foreseeable conditions of use, contain more than 0,5 mg/kg (0,00005 % by weight of this component) of any of the listed PAHs.
- (6) “*” = As per applicant's requirement, the testing was conducted based on mixed components by weight in equal ratio, results are calculated by the minimum weight of mixed components.



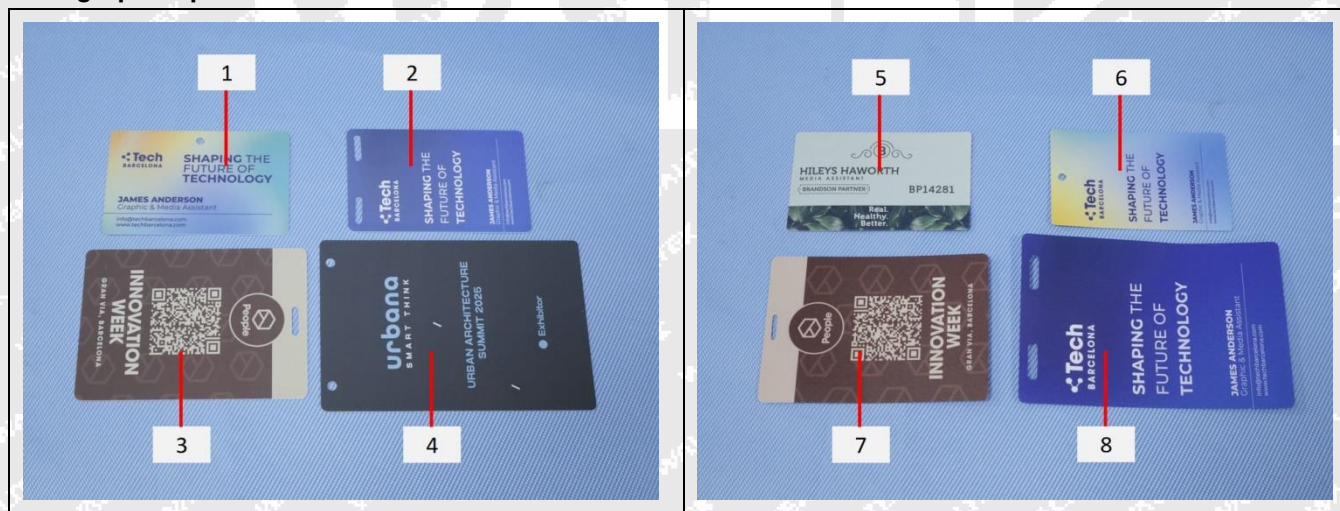
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Description for Specimen:

Specimen ID	Specimen No.	Specimen Description
FSW2511210979CJ. 1	1	Multicolour plastic card
FSW2511210979CJ. 2	2	Multicolour plastic card
FSW2511210979CJ. 3	3	Multicolour plastic card
FSW2511210979CJ. 4	4	Multicolour plastic card
FSW2511210979CJ. 5	5	Multicolour paper card
FSW2511210979CJ. 6	6	Multicolour paper card
FSW2511210979CJ. 7	7	Multicolour paper card
FSW2511210979CJ. 8	8	Multicolour paper card

Photograph of parts tested:





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Remarks:

1. The results shown in this test report refer only to the sample(s) tested;
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===== End of Report =====

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