

Test Report 測試報告

Applicant: Soung Pieng Enterprise Co., Ltd.
申請廠商 淞平企業股份有限公司
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Number : TWNH00098664
報告號碼

Issue Date : Jul 25, 2023
報告發行日期

Sample Description 樣品敘述:

One (1) Group of Submitted Samples Said To Be :

以下測試樣品乃供應商所提供及確認 :

Sample Description : ABS 塑膠置物櫃

樣品名稱

Item No. : APL-M

產品型號

Manufactured Date MFG# : 2023/07

製造日期

Expiry Date EXP# : 2033/07

有效日期

Manufacturer : 淞平

製造商

Country of Origin : 台灣

原產地

Buyer : SPlocker

買家

Date Sample Received : Jul 18, 2023

收件日期

Date Test Started : Jul 18, 2023

開始測試日期

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Test Conducted 測試執行 :

As requested by the applicant, for details please refer to attached pages.

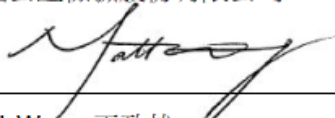
依申請商之要求，細節請參考附頁。

Authorized By 審核者:

On behalf of Intertek Testing Services

Taiwan Limited

全國公證檢驗股份有限公司

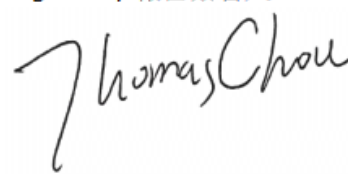


Matt Wang 王政雄

General Manager 台灣區總經理



Signed by 報告簽署人:



Thomas Chou 周世民

Manager 經理



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Test Conducted 測試內容 :

1. Formaldehyde Release Content 甲醛釋出量測試

With reference to CNS 1349 (2014/10/02)-plywood and analyzed by UV-VIS spectrophotometer.
參考 CNS 1349 (103 年 10 月 02 日)- 普通合板，以紫外光-可見光分光光度計分析。

<u>Tested Sample</u> 測試樣品	<u>Trial</u> 重複次數	<u>Result (mg/L)</u> 結果(毫克/公升)	<u>Average (mg/L)</u> 平均值(毫克/公升)	<u>Maximum (mg/L)</u> 最大值(毫克/公升)
(1)	1	ND	ND	ND
	2	ND		

Remarks: ND = Not detected 未檢測出
備註 Detection limit 偵測極限 = 0.15 mg/L 毫克/公升
CNS = Chinese National Standard 中華民國國家標準
For each of the sample plywood, the minimum number of specimens that can achieve a total area (area of cross section, face and back together) of 1800 cm² is used.
本實驗取總表面積 1800 平方公分以上之最少片數進行測試。

2. Toxic Elements Content 重金屬元素分析

With reference to CNS 4797-2 (2022/02/18)-Safety of Toys - Part 2:Migration of Certain Elements, acid extraction method was used and toxic elements content were determined by Inductively Coupled Plasma-Optical Emission Spectrometer (ICP-OES).

參考 CNS 4797-2(111 年 2 月 18 日)玩具安全-第 2 部：特定元素遷移，以酸液萃取並用感應耦合電漿原子放射光譜儀 (ICP-OES)分析。

<u>Element</u> 元素	<u>Result (mg/kg)</u> 結果(毫克/仟克) (2)	<u>Detection Limit (mg/kg)</u> 偵測極限 (毫克/仟克)
Sol. Barium (Ba) 溶出性鋇	ND	5
Sol. Lead (Pb) 溶出性鉛	ND	5
Sol. Cadmium (Cd) 溶出性鎘	ND	5
Sol. Antimony (Sb) 溶出性銻	ND	5
Sol. Selenium (Se) 溶出性硒	ND	5
Sol. Chromium (Cr) 溶出性鉻	ND	5
Sol. Mercury (Hg) 溶出性汞	ND	5
Sol. Arsenic (As) 溶出性砷	ND	2.5

Remarks: ND = Not detected 未檢測出
備註 CNS = Chinese National Standard 中華民國國家標準
The analytical results were adjusted by subtracting analytical correction factor.
可溶性重金屬之分析結果已依據本標準要求之校正因子加以調整。



Test Conducted 測試內容 :

3. Phthalate Content 塑化劑含量

As per CNS 15138-1 (2012/06/14) - Method of Test for Determination of Phthalates in Plastic Products part 1: Gas Chromatography/Mass Spectrometry, by Gas Chromatography-Mass Spectrometer (GC-MS) analysis.

依據 CNS 15138-1 (101 年 6 月 14 日)-塑膠製品中鄰苯二甲酸酯類塑化劑試驗法-第 1 部：氣相層析質譜法，以溶劑萃取並以氣相層析質譜儀(GC-MS)分析。

<u>Compound</u> 化合物	<u>Result</u> 結果 (%)
	(3)
Di(2-ethylhexyl) phthalate (DEHP) 鄰苯二甲酸二(2-乙基己基)酯	ND
Dibutyl phthalate (DBP) 鄰苯二甲酸二丁酯	ND
Benzyl butyl phthalate (BBP) 鄰苯二甲酸苯基丁酯	ND
Di-(iso-nonyl) phthalate (DINP) 鄰苯二甲酸二異壬酯	ND
Di-(iso-decyl) phthalate (DIDP) 鄰苯二甲酸二異癸酯	ND
Di-(n-octyl) phthalate (DNOP) 鄰苯二甲酸二辛酯	ND
Dimethyl phthalate (DMP) 鄰苯二甲酸二甲酯	ND
Diethyl phthalate(DEP) 鄰苯二甲酸二乙酯	ND

Remarks: % = Percentage based on weight of tested sample 重量百分比
備註 ND = Not detected 未檢測出
Detection limit 偵測極限 = 0.005 %
CNS = Chinese National Standard 中華民國國家標準



Test Conducted 測試內容 :

4. **Bisphenol A (BPA) 雙酚 A**

By solvent extraction and determined by High Performance Liquid Chromatography /Tandem Mass Spectrometer (HPLC-MS-MS).

以溶劑萃取並用高效能液相層析串聯質譜儀(HPLC-MS-MS)分析。

<u>Tested Sample 測試樣品</u>	<u>Result 結果 (ppm)</u>
(4)	43.6

Remarks: ppm = Parts per million based on weight of tested sample 百萬分之一 = mg/kg 毫克/仟克
備註 Detection limit 偵測極限 = 0.1 ppm

Tested Components 測試部位:

- (1) Pink plastic sheet
- (2) Grey plastic sheet
- (3) Grey plastic sheet (vertical stripes)
- (4) Grey plastic sheet (pegboard)

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Sample photo 樣品照片:



End of Report

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