



# TEST REPORT

Lab No. : (6221)175-0324  
Date : July 06, 2021  
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**APPLICANT** : Forward Materials Corporation Ltd.  
: Int'l Commerce Bldg., 9F-4, 23 Chang An East Road, Sec. 1, Taipei  
Taiwan

**CONTACT PERSON** : —

**DATE OF SUBMISSION** : June 24, 2021

**PERFORMANCE PERIOD** : June 24, 2021 to July 06, 2021

**SAMPLE DESCRIPTION** : FORWARD MATERIALS

**ITEM NO.** : FM-00001

## SUMMARY OF TEST RESULTS

TEST REQUESTED	CONCLUSION	REMARK
Total Lead Content in Substrate – United States Consumer Product Safety Improvement Act (CPSIA)	PASS	—
Phthalate Test – United States Consumer Product Safety Improvement Act (CPSIA)	PASS	—
Formaldehyde Content	DATA	Test result in page 2
Halogenated compounds – Cl	DATA	Test result in page 3

### REMARK

If there are questions or concerns on this report, please contact:

chemical.inquiry@bureauveritas.com/  
vico.lin@bureauveritas.com

BUREAU VERITAS CONSUMER PRODUCTS SERVICES  
(H.K.) LIMITED, TAIWAN BRANCH

PREPARED BY : Tiffany Chin

VICO LIN  
MANAGER  
ANALYTICAL DEPARTMENT

C/N /TC/JK

Bureau Veritas  
Consumer Product Service (H.K.) Ltd.  
Taiwan Branch  
37, Zhongyang S Rd., Sec. 2, Beitou,  
Taipei 112, Taiwan, R.O.C.

Tel : 886-2-2895-3666  
Fax: 886-2-2895-6999  
<http://www.cps.bureauveritas.com>

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### TEST RESULT

Tested item	
1.	Cellwood TPE board

#### Total Lead Content in Substrate-United States Consumer Product Safety Improvement Act (CPSIA)

Test Item	Unit	Tested item	Maximum Allowable Limit
		1	
Total Lead Content [Pb]	mg/kg	N.D.	100
Conclusion	—	PASS	—

#### Phthalates Content – United States Consumer Product Safety Improvement Act (CPSIA)

Compounds	CAS No.	Unit	Tested item	Maximum Allowable Limit
			1	
Dibutyl phthalate (DBP)	84-74-2	%	N.D.	0.1
Butyl benzyl phthalate (BBP)	85-68-7	%	N.D.	0.1
Di-2-ethylhexyl phthalate (DEHP)	117-81-7	%	N.D.	0.1
Di-iso-nonyl phthalate (DINP)	28553-12-0	%	N.D.	0.1
Di-n-hexyl phthalate (DnHP/DHEXP)	84-75-3	%	N.D.	0.1
Di-isobutyl phthalate (DIBP)	84-69-5	%	N.D.	0.1
Di-n-pentyl phthalate (DNPP/DPENP)	131-18-0	%	N.D.	0.1
Dicyclohexyl phthalate (DCHP)	84-61-7	%	N.D.	0.1
Sum of Phthalates	—	%	N.D.	—
Conclusion	—	—	PASS	—

#### Formaldehyde Content

Test Item	Unit	Result
		1
Formaldehyde Content	mg/kg	N.D.

**TEST RESULT**

**Halogen Content – Chlorine**

Compounds	Unit	Tested item
		1
Halogenated Compounds :		
Chlorine [Cl]	mg/kg	N.D.

**Note:**

N.D. = Not Detected

– = Empty

mg/kg = milligram per kilogram = ppm

% = percent

10 000 mg/kg = 1 %

Detection Limit :

Total Lead Content: 10 mg/kg

Phthalates Content: Each 0.005%, Sum 0.05%

Formaldehyde Content: 16 mg/kg

Cl: 50 mg/kg

Test Parameter	Test Method
Total Lead Content in Substrate	U. S. CPSC Test Method CPSC-CH-E1001-08.3 (November 15, 2012) or U. S. CPSC Test Method CPSC-CH-E1002-08.3 (November 15, 2012).
Phthalates Content	With reference to U. S. CPSC Test Methods CPSC-CH-C1001-09.3 (April 1, 2010) or CPSC-CH-C1001-09.4 (January 17, 2018).
Formaldehyde Content	With reference to EN 14372.
Halogen Content – Chlorine	With reference to EN14582:2016(E).

**Remark:**

- The result only relates to the tested item. The report shall not be reproduced except full without the written approval of the testing laboratory. Parameters which are not covered by the lab's testing scope are subcontracted to laboratories with government approval. The accreditation relates to competences given in the accreditation certificate.
- Samples test were conducted as per applicant's request.

- End -

**Photo of the Submitted Sample**



Sample