NewTechWood Ltd.

TEST REPORT

REPORT NUMBER
200529045GZU-001

ISSUE DATE
2020/6/8

PAGES
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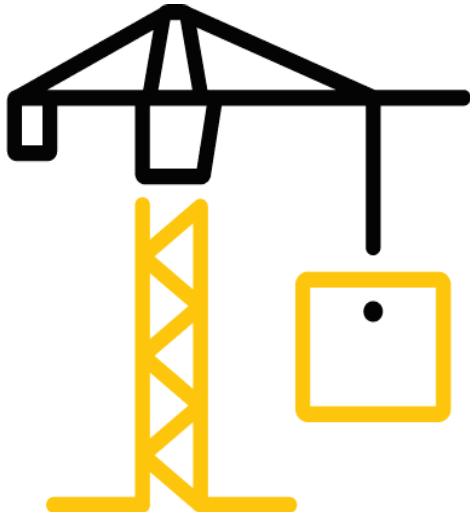

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Version date: 2018-06-05

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Test Report

Issue Date: 2020/6/8 Intertek Report No. 200529045GZU-001

Applicant: NewTechWood Ltd.

Applicant Address: 19111 Walden Forest Dr. Suite B Humble, Tx 77346, USA

Attn: Cliff Lam

SUBJECT: Performance testing
<<NewTechWood UltraShield>>

Dear Sir,
This test report for represents the results of our evaluation of the above referenced product(s) to the requirements contained in the following standards:

TEST METHODS AND STANDARDS
Please refer to next following pages.

SAMPLE ID	MODEL	SPECIFICATION
S200529045-001	NewTechWood UltraShield UH02	138.00mm*22.50mm

SAMPLE RECEIVED: 2020/5/29
TESTED FROM: 2020/5/29 TO 2020/6/4

Test lab address: Block E, No.7-2 Guang Dong Software Science Park, Caipin Road, Guangzhou Science City, GETDD, Guangzhou

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Manufacturing site

Manufacturer	HUIDONG MEIXIN PLASTIC LUMBER PRODUCTS MANUFACTURING CO.,Ltd
Manufacturer Address	NGA INDUSTRIAL PARK , DALING , HUIDONG , GUANGDONG PROVINCE , PRC

Conclusion:

Test component	Test Standard	Conclusion
Tested component (1) of submitted samples	As per client's requirement and refer to RoHS Directive 2011/65/EU on Pb, Cd, Hg, Cr6+ content.	Pass

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Test Items, Method and Results：

If related to subcontract, the remark* for the test items conducted by a subcontractor.

When determining the test result, measurement uncertainty has been considered.

RoHS Chemical Test

(A) Test Result Summary:

Test item	Result
	(1)
Cadmium (Cd) Content (mg/kg)	ND
Lead (Pb) Content (mg/kg)	ND
Mercury (Hg) Content (mg/kg)	ND
Chromium (VI)(Cr^{6+}) Content (mg/kg)	ND

Remark:
ND = Not detected

Tested Components:
(1)Grey board

Tested Components:
(B) Client's Requirement:

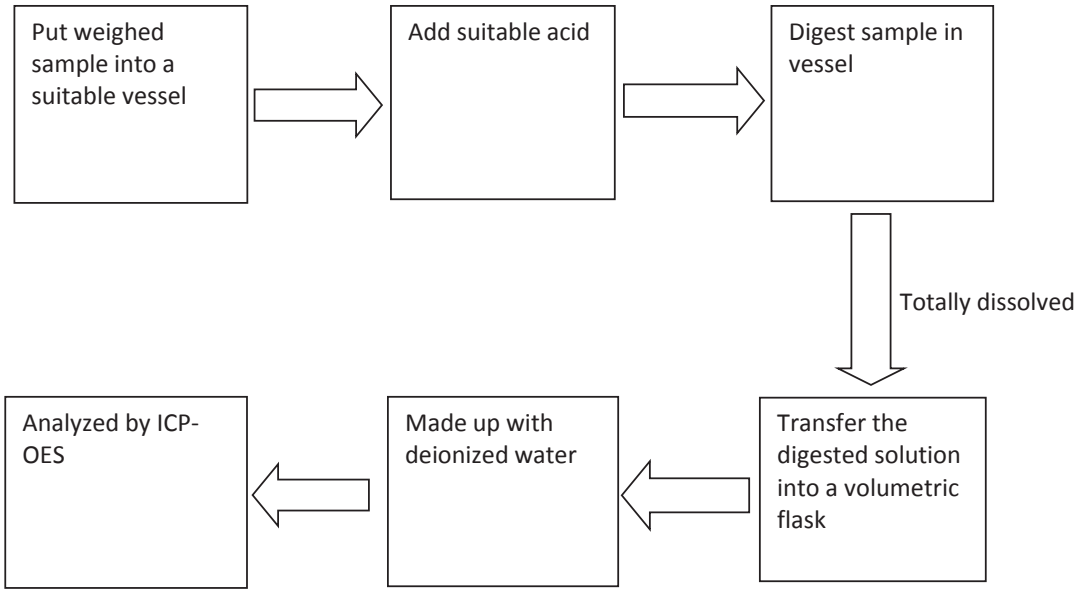
Restricted Substances	**Limits**
Cadmium (Cd)	0.01% (100 mg/kg)
Lead (Pb)	0.1% (1000 mg/kg)
Mercury (Hg)	0.1% (1000 mg/kg)
Chromium (VI)(Cr^{6+})	0.1% (1000 mg/kg)

(C) Test Method:

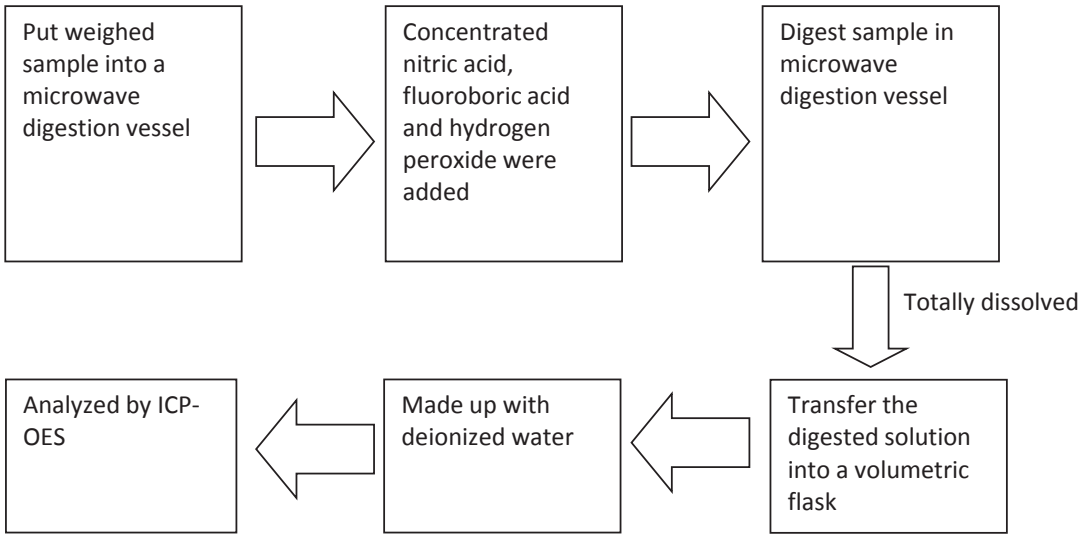
Testing Item	Testing Method	Reporting Limit
Mercury (Hg) Content	With reference to IEC 62321-4 Edition 1.0:2013, by acid digestion and determined by ICP - OES	2 mg/kg
Cadmium (Cd) Content	With reference to IEC 62321-5 Edition 1.0:2013, by acid digestion and determined by ICP - OES	2 mg/kg
Lead (Pb) Content	With reference to IEC 62321-5 Edition 1.0:2013, by acid digestion and determined by ICP - OES	2 mg/kg
Chromium (VI)(Cr6+) Content	With reference to IEC 62321-7-2 Edition 1.0:2017, Hexavalent chromium – Determination of hexavalent chromium (Cr(VI) in polymers and electronics by the colorimetric method	10 mg/kg

(D)Measurement Flowchart:

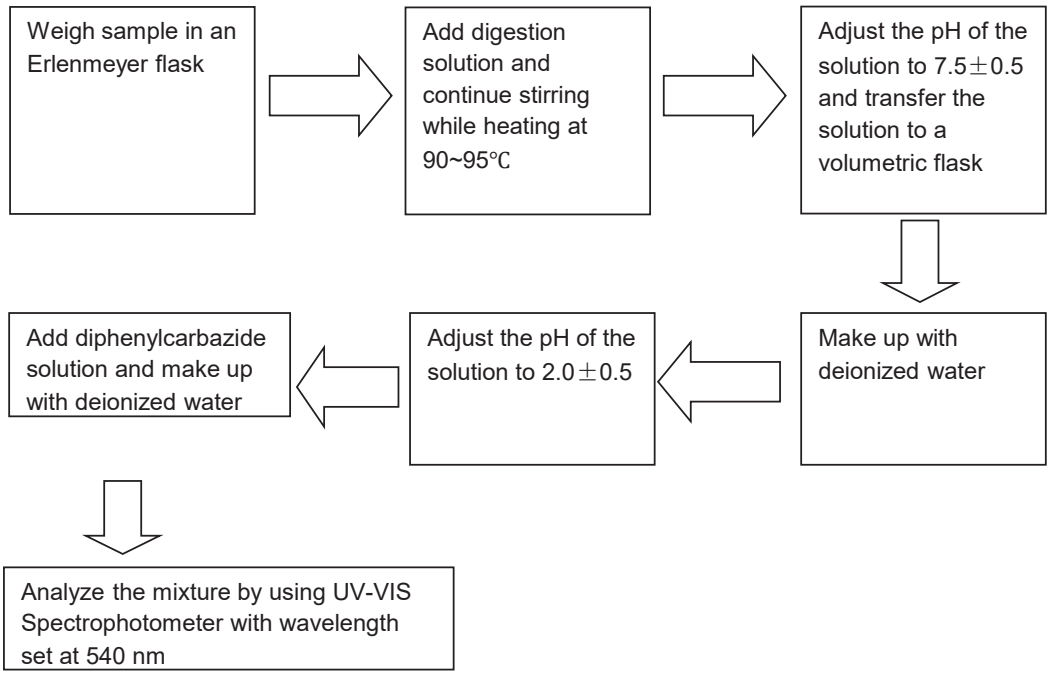
1. Test for Cd/Pb Contents



(2) Test for Hg Content



3. Test for Chromium (VI) (Cr6+) Content (Alkaline Digestion)



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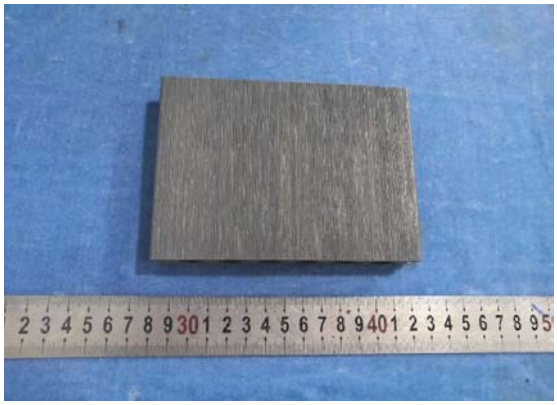
APPENDIX: SAMPLE RECEIVED PHOTO



REPORT AUTHORIZED

When signed with physical or electronic signature, the contents of this report have been prepared and approved per Intertek's quality process in accordance with ISO 17025.

Approved by: Prepared by:

Name: Andy Guo
Title: Reviewer

Name: Carla Sheng
Title: Technical assistant

Revision:

Report NO.	DATE	Revision Reason	Revision Summary	AUTHOR	REVIEWER
200529045GZU-001	2020/6/8	/	First issue	Carla Sheng	Andy Guo

End of Test Report