



Test Report

No.: SHHL1905027849FB

Date: JUN. 21, 2019

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SHANLIAN (CHANGXING) NEW MATERIALS CO., LTD.
LANGSHAN INDUSTRIAL PARK, CHANGXING, ZHEJIANG

山联（长兴）新材料股份有限公司
浙江省长兴县郎山工业园区

Sample Description : INORGANIC DEGRADABLE MATERIAL (MU MABERIAL)

产品名称 : 无机降解可塑性材料（MU 粒料）

Manufacturer : SHANLIAN (CHANGXING) NEW MATERIALS CO., LTD.

生产厂家 : 山联（长兴）新材料股份有限公司

Sample Receiving Date : MAY 30, 2019

收样日期 : 2019 年 05 月 30 日

Testing Period : MAY 30, 2019 TO JUN. 21, 2019

检测时间 : 2019 年 05 月 30 日至 2019 年 06 月 21 日

Test Requested : SELECTED TEST(S) AS REQUESTED BY APPLICANT

检测要求 : 根据申请者要求

Conclusion : THE TEST DATA WERE PROVIDED TO CLIENT FOR
THEIR OWN ANALYSIS.

检测结论 : 测试结果供客户自行分析

Signed for and on behalf of

通标标准技术服务（上海）有限公司

SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd.

授权代表签署

唐黎琼



LIQIONG TANG

唐黎琼

Authorized Signatory

授权签字人



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Test Conducted (检测项目):

		Sample Number		19-05461.001	
		Sample Name		Inorganic Degradable Material	
		Sample Matrix		Solid	
		Sample Description		SHHL1905027849FB	
		Receive Date		2019/06/12	
Parameter	Method	Units	MDL	Testing Results	
Chromium (Cr)	HJ 766	mg/kg	0.5	0.7	
Nickel (Ni)	HJ 766	mg/kg	0.5	1.1	
Copper (Cu)	HJ 766	mg/kg	0.5	1.1	
Zinc (Zn)	HJ 766	mg/kg	1.5	1.59 X 10 ³	
Arsenic (As)	HJ 766	mg/kg	0.5	0.9	
Cadmium (Cd)	HJ 766	mg/kg	0.5	0.5	
Lead (Pb)	HJ 766	mg/kg	0.5	2.2	
Mercury (Hg)	HJ 702	mg/kg	0.002	ND	

Remark:

The test report shall only be used for client scientific research, teaching, internal quality control, product research and development, etc... and just for client internal reference.



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				实验室编号	19-05461.001
				样品名称	无机降解可塑性材料
				样品性状	固体
				样品描述	SHHL1905027849FB
				收样日期	2019/06/12
分析指标	方法	单位	检出限	检测结果	
铬	HJ 766	mg/kg	0.5	0.7	
镍	HJ 766	mg/kg	0.5	1.1	
铜	HJ 766	mg/kg	0.5	1.1	
锌	HJ 766	mg/kg	1.5	1.59 X 10 ⁸	
砷	HJ 766	mg/kg	0.5	0.9	
镉	HJ 766	mg/kg	0.5	0.5	
铅	HJ 766	mg/kg	0.5	2.2	
汞	HJ 702	mg/kg	0.002	ND	

备注:

检测报告仅用于客户科研、教学、内部质量控制、产品研发等目的, 仅供内部参考。



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The testing was performed by SGS other internal laboratory

I. Test Conducted

NF X70-100-1:2006 Fire tests—Analysis of gaseous effluents—Part 1: Methods for analysing gases stemming from thermal degradation & NF X70-100-2:2006 Fire tests—Analysis of gaseous effluents—Part 2: Tubular furnace thermal degradation method. Furnace Temperature: 600°C..

II. Sample Description and Conditioning

Sample description / Color	Particle / White
Mass	1, <u>1.0002g</u> 2, <u>1.0030g</u> 3, <u>1.0010g</u>
Precondition	At 23±2°C and R.H 50±5%, at least 48h and until the test sample was conditioned to constant mass.

III. Test results

Gas component [mg/g]	1	2	3	Avg	Reference concentration [mg/m ³]
CO	36.56	39.66	38.11	38.11	1380
CO ₂	567.59	518.84	536.25	540.89	72000
HF	ND	ND	ND	--	25
HCl	ND	ND	ND	--	75
HBr	ND	ND	ND	--	99
HCN	ND	ND	ND	--	55
NO, NO _x	ND	ND	ND	--	38
SO ₂	ND	ND	ND	--	262

ND indicates Non-detected.

Statement: This declaration of conformity is only based on the result of this laboratory activity, the impact of the uncertainty of the results was not included.



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2. The declaration of conformity is only based on the actual value of laboratory activity, measurement uncertainty of the results not take into account.

SHANLIAN INTERNATIONAL



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该检测由 SGS 内部其它实验室执行

I. 测试要求

测试方法按照 NF X70-100-1:2006 燃烧试验 烟气分析 第 1 部分:热解法产生气体的分析方法 & NF X70-100-2:2006 燃烧试验 烟气分析 第 2 部分:管式炉热解法, 炉温设置:600°C。

II. 样品信息

样品描述 / 颜色	粒料 / 白色
质量	1, <u>1.0002g</u> 2, <u>1.0030g</u> 3, <u>1.0010g</u>
预处理	23±2°C, R.H: 50±5 %条件下, 至少处理 48h 且样品直至重量恒定状态。

III. 测试结果

气体浓度 [mg/g]	1	2	3	均值	参考浓度 [mg/m ³]
CO	36.56	39.66	38.11	38.11	1380
CO ₂	567.59	518.84	536.25	540.89	72000
HF	ND	ND	ND	--	25
HCl	ND	ND	ND	--	75
HBr	ND	ND	ND	--	99
HCN	ND	ND	ND	--	55
NO, NO _x	ND	ND	ND	--	38
SO ₂	ND	ND	ND	--	262

ND指示为未发现。

陈述: 此符合性声明仅基于本次实验室活动的实际值, 未将本次实验室活动的结果不确定度影响计入。

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