

智跃先精密塑胶有限公司

SPECIFICATION

APPLICATION FOR APPROVAL

产 品 承 认 书

Product Description : LIGHT PIPE

Part Number : 1810-21003-100-0V

Checkedby : _____

Date : 2020.10.29 Stamp : _____

Customer signature required

Company : _____

Customer Part Number : _____

Approved by : _____

Confirmed by : _____

Date : _____

Stamp : _____

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测定DATA表

公 司 名	智跃先精密塑胶有限公司				测量时间	2021-10-26						
部品料号	1810-21003-100-0V				部品名称	LIGHT PIPE						
机 种					金型/CAV							
材 料	ABS				机 台	#25						
测 定 者 记 入												
记号	位置	测定器	规 格	CAV NO.别								
					判定		判定		判定		判定	
1		二次元	19.51 ^{+0.2} _{-0.2}	19.540	OK	19.550	OK	19.570	OK	19.560	OK	
2		二次元	11.71 ^{+0.15} _{-0.15}	11.730	OK	11.750	OK	11.760	OK	11.740	OK	
3		二次元	13 ^{+0.15} _{-0.15}	13.000	OK	13.100	OK	13.100	OK	13.100	OK	
4		二次元	3.6 ⁺⁰ _{-0.1}	3.540	OK	3.550	OK	3.540	OK	3.560	OK	
5		二次元	19.5 ^{+0.15} _{-0.15}	19.580	OK	19.600	OK	19.590	OK	19.580	OK	
6		二次元	15.6 ^{+0.15} _{-0.15}	15.650	OK	15.660	OK	15.650	OK	15.670	OK	
7		二次元	10.6 ⁺⁰ _{-0.1}	10.580	OK	10.560	OK	10.580	OK	10.540	OK	
8		二次元	17.7 ^{+0.15} _{-0.15}	17.750	OK	17.780	OK	17.780	OK	17.760	OK	
9		二次元	1.3 ^{+0.1} _{-0.1}	1.310	OK	1.320	OK	1.330	OK	1.310	OK	
仪器说明:												

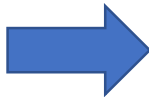
核准:曾小文

核对:田小芳

测量:周伟

包装式样书

1	业体名	东莞智跃先精密塑胶有限公司
2	客户	英可
3	品名	LIGHT PIPE
4	料号	1810-21003-100-0V
5	包装材质	Z30纸箱 (BOX) /PE袋 (BAG) /平卡 (PAD)
6	包装方法	一、将Z30纸箱封好后，箱底放置一张平卡 Seal the Z30 carton and place a flat card at the bottom of the carton 二、将检查OK的产品每袋装入1000PCS，每箱放置4袋，共4000PCS; Place OK products in 1,000pcs per bag and 4pcs per box, total 4,000pcs 三、一箱共4袋，共4000PCS; 4 bags in a box, 4,000 PCS in total
7	包装数量	一箱共500小袋
8	BOX用途	回收用;



1、将Z30纸箱封好后，箱底放置一张平卡
Seal the Z30 carton and place a flat card at the bottom of the carton

2、二、将检查OK的产品每袋装入1000PCS，每箱放置4袋，共4000PCS;
Place OK products in 1,000pcs per bag and 4pcs per box, total 4,000pcs

3、一箱共4袋，共4000PCS;
4 bags in a box, 40,000 PCS in total

参考图

制作：田小芳

审核：

确认：曾小文

MATERIAL SAFETY DATA SHEET

According to 91/155/EC

Product:
Msd No.: 02S1004HF-606
Version 3.0Page 1 of 3
Revision Date: 2008/08/0101- IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND
THE COMPANY/UNDERTAKING

NAME OF THE PREPARATION HF-606
 SUPPLIER KINGFA SCI.&TECH.CO.,LTD
 ADDRESS Gaotang Industry Zone, Tianhe District,
 Guangzhou, China, 510520
 TELEPHONE/FAX +86-20-87011330 /+86-20-87036219
 EMERGENCY TELEPHONE NO. +86-20-87036220

02-COMPOSITION/INFORMATION ON INGREDIENTS

ACRYLONITRILE-BUTADIENE-STYRENE 70%-85% CAS: 9003-56-9
 COPOLYMER
 TETRABROMOBISPHENOL-A 5%-20% CAS: 79-94-7
 ANTIMONY TRIOXIDE 2-8% CAS: 1309-64-4
 PROCESSING ADDITIVES 0-1%
 IMPURITIES CONTRIBUTING TO HAZARD NONE

03-HAZARDS IDENTIFICATION

HEALTH EFFECTS Limited evidence of a carcinogenic effect
 Prolonged and /or repeated contacts: Risk of skin sensitization
 When handled at high temperatures, can cause serious burns
 PHYSICAL AND CHEMICAL HAZARDS Dust can form explosive mixture with air
 At high temperature thermal decomposition giving flammable and harmful products, formation of toxic products through combustion
 SPECIFIC HAZARDS/EC Limited evidence of a carcinogenic effect

04-FIRST AID MEASURES

EYE CONTACT Cool eyes rapidly with plenty of cold water after contact with molten polymer and seek medical advice
 SKIN CONTACT Cool skin rapidly with plenty of cold water after contact with molten polymer and seek medical advice
 INGESTION If vomiting occurs, lower the head to ease vomiting and seek medical advice
 INHALATION Inhalation of vapors due to thermal decomposition: remove to fresh air, oxygen or artificial respiration if needed

05-FIRE FIGHTING MEASURES

FLAMMABLE PROPERTIES Flash point: Not determined
 Auto ignition temperature: Not determined
 FLAMMABILITY V-0@1.6/3.0mm, 5VB@2.0mm (File No. E171666)

MATERIAL SAFETY DATA SHEET*According to 91/155/EC*

Product: Msd No.: 02S1004	HF-606 Version 3.0	Page 2 of 3 Revision Date: 2008/08/01
EXTINGUISHING MEDIA	Water spray, Dry powder, Carbon dioxide (CO ₂)	
SPECIFIC HAZARDS	Above 300°C, possible formation of Styrene, Toluene, Ketones and Alcohols (small quantities) Formation of toxic products through combustion: Carbon oxides, Hydrogen bromide	
FIRE FIGHTING INSTRUCTIONS	Keep people away, isolate fire area and deny unnecessary entry Cool surroundings with water to localize fire zone Hand held carbon dioxide or dry chemical water to cool and prevent re-ignition	
06-ACCIDENTAL RELEASE MEASURES		
PERSONAL PROTECTION	Do not breathe vapors/dust Sweep up to prevent hazard slipping	
ENVIRONMENTAL PROTECTION	Do not release into the environment Do not let the product enter into drains	
METHODS FOR CLEANING UP	Recover the product Recycle or incinerate at an approved waste disposal site	
07-HANDLING AND STORAGE		
HANDLING	Prevent from fire around handling area. Avoid accumulation of static charges during transfers in metallic systems, wear a mask to avoid dust formation	
STORAGE	Keep the materials at a cool dry place Protect from direct sunlight, rain and violent temperature fluctuation. Fire is inhibited around storage area	
08-EXPOSURE CONTROLS/PERSONAL PROTECTION		
ENGINEERING CONTROLS	Ensure ventilation of work areas and extraction of dust or vapors likely to be given off during conversion operations	
EXPOSURE LIMIT	Not determined	
PERSONAL PROTECTION EQUIPMENT		
Eye protection	Wear safety glasses for general purpose Wear chemical goggles for cleaning molding machines	
Hand protection	Wear gloves (product handled in molten state)	
Skin and body protection	Wear protective clothing (product handled in molten state)	
Respiratory protection	In case of dust formation, wear a dust mask In case of insufficient ventilation, wear suitable respiratory equipment	
09-PHYSICAL AND CHEMICAL PROPERTIES		
APPEARANCE	Solid (pellets)	
COLOR	Opaque	
ODOUR	Very faint	
BOILING POINT/RANGE	Not applicable	
VAPOUR PRESSURE	Not applicable	

MATERIAL SAFETY DATA SHEET*According to 91/155/EC*

Product: Msd No.: 02S1004	HF-606 Version 3.0	Page 3 of 3 Revision Date: 2008/08/01
SOLUBILITY IN WATER	Not soluble	
SPECIFIC GRAVITY	1.14-1.22	
10-STABILITY AND REACTIVITY		
STABILITY	Combustible gases are released at the temperature over 300°C	
INCOMPATIBILITY	Strong oxidizers	
HAZARDOUS DECOMPOSITION PRODUCTS	Combustion may produce carbon monoxide, hydrocarbons, hydrogen bromide and carbon dioxide	
HAZARDOUS POLYMERIZATION	Will not occur	
11-TOXICOLOGICAL INFORMATION		
See section 3 for potential health effects. For detailed toxicological data, write or call the address or emergency number shown in section 1		
12-ECOLOGICAL INFORMATION		
To avoid being taken by ocean species or birds		
To inhibit disposal of the waste to the ocean and water sources		
13-DISPOSAL CONSIDERATIONS		
Controlled incineration or landfill according to local, state or national laws and regulations concerning health and pollution		
Inadequate incineration may generate toxic gases such as CO, SM, HBr, C ₂ H ₄ , Benzene and Toluene		
14-TRANSPORT INFORMATION		
ADR/RID	Not regulated	
AND/ADNR	Not regulated	
IMDG	Not regulated	
IATA	Not regulated	
Consult KINGFA's safety department for any further information		
15-REGULATORY INFORMATION		
WEEE/ROHS DIRECTIVE	CONFORMS	
INVENTORIES	EINECS (EU): Conforms	
	TSCA (USA): Conforms	
	DSL (Canada): Conforms	
	AICS (Australia): Conforms	
	ECL (Korea): Conforms	
SAFETY DATA SHEETS	D.91/155/EEC amended by D.93/112/EEC and D.2001/58/CE	

16-OTHER INFORMATION

This message is based on our present knowledge. However this will not constitute a guarantee for any specific products features and should not establish a legally valid contractual relationship.

Department issuing MSDS: KINGFA SCL&TECH. CO., LTD

TEL: +86-20-87037818



检测报告 Test Report

报告编号 A2210051906101002E
Report No. A2210051906101002E

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报告抬头公司名称 金发科技股份有限公司
Company Name KINGFA SCI. & TECH.CO., LTD
shown on Report

地址 广州市高新技术产业开发区科学城科丰路33号
Address NO.33 KEFENG ROAD, SCIENCE CITY, GUANGZHOU HI-TECHINDUSTRIAL DEVELOPMENT ZONE, GUANGZHOU

以下测试之样品及样品信息由申请者提供并确认

The following sample(s) and sample information was/were submitted and identified by/on the behalf of the applicant

样品名称 HF-606、HF-630、PP-11670、PP-202M、PPE-1311、PP-R0508、PP-TC16G81、PVC-EX60、VSLOY-PM
Sample Name HF-606、HF-630、PP-11670、PP-202M、PPE-1311、PP-R0508、PP-TC16G81、PVC-EX60、VSLOY-PM
样品接收日期 2021.02.23
Sample Received Date Feb. 23, 2021
样品检测日期 2021.02.23-2021.02.26
Testing Period Feb. 23, 2021 to Feb. 26, 2021

检测要求 根据客户要求, 对所提交样品中的铅(Pb), 镉(Cd), 汞(Hg), 六价铬(Cr(VI)), 多溴联苯(PBBs), 多溴二苯醚(PBDEs), 邻苯二甲酸酯(DBP, BBP, DEHP, DIBP), 六溴环十二烷(HBCDD)进行测试。
Test Requested As specified by client, to test Lead (Pb), Cadmium (Cd), Mercury (Hg), Hexavalent Chromium (Cr(VI)), Polybrominated Biphenyls (PBBs), Polybrominated Diphenyl Ethers (PBDEs), Phthalates (DBP, BBP, DEHP, DIBP), Hexabromocyclododecane (HBCDD) in the submitted sample(s).

检测依据/检测结果 请参见下页。
Test Method/Test Result(s) Please refer to the following page(s).



主 检 孙 婵
新晴涛
技术经理 Technical Manager

审 核 刘琳慧
Reviewed by
日 期 2021.02.26
Date

No. R177731438

广东省深圳市宝安区新安街道兴东社区华测检测大楼

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检测依据 Test Method

测试项目 Test Item(s)	测试方法 Test Method	测试仪器 Measured Equipment(s)
铅 Lead (Pb)	IEC 62321-5:2013	ICP-OES
镉 Cadmium (Cd)	IEC 62321-5:2013	ICP-OES
汞 Mercury (Hg)	IEC 62321-4:2013+AMD1:2017 CSV	ICP-OES
六价铬 Hexavalent Chromium (Cr(VI))	IEC 62321-7-2:2017和/或IEC 62321-5:2013测试 总铬含量 IEC 62321-7-2:2017 and/or determination of Total Chromium by IEC 62321-5:2013	UV-Vis/ICP-OES
多溴联苯 Polybrominated Biphenyls (PBBs)	IEC 62321-6:2015	GC-MS
多溴二苯醚 Polybrominated Diphenyl Ethers (PBDEs)	IEC 62321-6:2015	GC-MS
邻苯二甲酸酯 Phthalates (DBP, BBP, DEHP, DIBP)	IEC 62321-8:2017	GC-MS
六溴环十二烷 Hexabromocyclododecane (HBCDD)	参考US EPA 3540C:1996 & US EPA 8270E:2018 Refer to US EPA 3540C:1996 & US EPA 8270E:2018	GC-MS

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检测结果 Test Result(s)

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测试项目 Tested Item(s)	结果 Result	方法检出限 MDL
铅 Lead (Pb)	N.D.	2 mg/kg
镉 Cadmium (Cd)	N.D.	2 mg/kg
汞 Mercury (Hg)	N.D.	2 mg/kg
六价铬 Hexavalent Chromium (Cr(VI))	N.D.	8 mg/kg
测试项目 Tested Item(s)	结果 Result	方法检出限 MDL
多溴联苯 Polybrominated Biphenyls (PBBs)		
一溴联苯 Monobromobiphenyl	N.D.	5 mg/kg
二溴联苯 Dibromobiphenyl	N.D.	5 mg/kg
三溴联苯 Tribromobiphenyl	N.D.	5 mg/kg
四溴联苯 Tetrabromobiphenyl	N.D.	5 mg/kg
五溴联苯 Pentabromobiphenyl	N.D.	5 mg/kg
六溴联苯 Hexabromobiphenyl	N.D.	5 mg/kg
七溴联苯 Heptabromobiphenyl	N.D.	5 mg/kg
八溴联苯 Octabromobiphenyl	N.D.	5 mg/kg
九溴联苯 Nonabromobiphenyl	N.D.	5 mg/kg
十溴联苯 Decabromobiphenyl	N.D.	5 mg/kg
测试项目 Tested Item(s)	结果 Result	方法检出限 MDL
多溴二苯醚 Polybrominated Diphenyl Ethers (PBDEs)		
一溴二苯醚 Monobromodiphenyl ether	N.D.	5 mg/kg
二溴二苯醚 Dibromodiphenyl ether	N.D.	5 mg/kg
三溴二苯醚 Tribromodiphenyl ether	N.D.	5 mg/kg
四溴二苯醚 Tetrabromodiphenyl ether	N.D.	5 mg/kg
五溴二苯醚 Pentabromodiphenyl ether	N.D.	5 mg/kg
六溴二苯醚 Hexabromodiphenyl ether	N.D.	5 mg/kg
七溴二苯醚 Heptabromodiphenyl ether	N.D.	5 mg/kg
八溴二苯醚 Octabromodiphenyl ether	N.D.	5 mg/kg
九溴二苯醚 Nonabromodiphenyl ether	N.D.	5 mg/kg
十溴二苯醚 Decabromodiphenyl ether	N.D.	5 mg/kg

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检测结果 Test Result(s)

测试项目 Tested Item(s)	结果 Result	方法检出限 MDL
邻苯二甲酸酯 Phthalates (DBP, BBP, DEHP, DIBP)		
邻苯二甲酸二丁酯 Dibutyl phthalate (DBP) CAS#:84-74-2	N.D.	50 mg/kg
邻苯二甲酸丁基苯酯 Butyl benzyl phthalate (BBP) CAS#:85-68-7	N.D.	50 mg/kg
邻苯二甲酸二(2-乙基)己酯 Di-(2-ethylhexyl) phthalate (DEHP) CAS#:117-81-7	N.D.	50 mg/kg
邻苯二甲酸二异丁酯 Diisobutyl phthalate (DIBP) CAS#:84-69-5	N.D.	50 mg/kg
测试项目 Tested Item(s)		
六溴环十二烷 Hexabromocyclododecane (HBCDD)	N.D.	5 mg/kg

样品/部位描述 混测, 白色、米白色、米灰色、黑色和半透明塑料颗粒

Sample/Part Description Mixed test, white, beige-white, beige-gray, black and translucent plastic grains

备注:
-对于检测铅, 镉, 汞之样品已完全溶解。
-根据客户要求, 对样品进行混合测试, 测试结果不代表混合测试样品中任何一种单一材质的含量。
-N.D. = 未检出 (小于方法检出限)
-mg/kg = ppm = 百万分之一

Remark:
-The sample(s) had been dissolved totally tested for Lead, Cadmium, Mercury.
-As specified by client, the test was conducted by mixing several samples together. The result(s) shown on this report may be different from the content of any homogeneous material.
-MDL = Method Detection Limit
-N.D. = Not Detected (<MDL)
-mg/kg = ppm = parts per million

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样品图片 Photo(s) of the sample(s)



声明 Statement:

1. 检测报告无批准人签字、“专用章”及报告骑缝章无效;
This report is considered invalid without approved signature, special seal and the seal on the perforation;
2. 报告抬头公司名称及地址、样品及样品信息由申请者提供, 申请者应对其真实性负责, CTI未核实其真实性;
The Company Name shown on Report and Address, the sample(s) and sample information was/were provided by the applicant who should be responsible for the authenticity which CTI hasn't verified;
3. 本报告检测结果仅对受测样品负责;
The result(s) shown in this report refer(s) only to the sample(s) tested;
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报告结束
*** End of report ***