寶	號
CUST	OMER

MARITEX

HF ROHS COMPLIANT

承認書

SPECIFICATION FOR APPROVAL

品名 PRODUCT NAME K5B RC 10x20x5-MB		
客戶料號 CUSTOMER PART NO.	批號 SAMPLE NO	
日期 DATE. 2013/08/02		

Customer Approved Status 客戶承認範圍

FULLY APPROVED	PARTILLY APPROVED	REVISE APPROVED
(全部承認)	(部份承認)	(修訂承認)
Drawn by	Checked by	Approved by
405	F 18	莫炳動
鍾佩宜	美确球	* Kar



KING CORE ELECTRONICS INC.

NO 269, Nanfong Rd., Pingjhen City, Taoyuan County Taiwan

Tel: 886-3-4698855 Fax: 886-3-4691395 Web site: http://www.kingcore.com.tw

E-mail: kc@mail.kingcore.com.tw

承認書內容 CONTENTS

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製作 DRAWN BY: 確認 CHECKED BY: 菜 n : 菜 n : 菜 n : 菜 n : 菜 n :	承認 APPR	ROVED BY: 美炳勲

修訂履歷 REVISION RESUME

日期 DATE	版次 VERSION		丁目的 RPOSE	修訂內容 REVISION DES		備註 REMARK
2013/08/02	A	首次送村				
		INHIAL	RELEASE			
製作 DRAWN I	BY: 鍾师	軍	確認 CHECK	ED BY: 美确译	承認 APPROVED B 美力	Y: 内 <u>動</u>

SPECIFICATION FOR APPROVAL

CUSTOMER:	MARITEX		CUST.P/N:			
ORDERING CODE:	K5B RC 10x20x5-I	MB	K.C	C.P/N:	PK10081	ΙM
(1) SHAPE			Α	13.0±1.0		mm
			В	12.0±1.0		mm
			С	5.00±0.25(CO	RE內徑)	mm
D			D	25.5±1.0		mm
		Е	2.4±0.5		mm	
/		F			mm	
Ø[E]		В	G			mm
├	A D	→				
外殼黑色						
(2)ELECTRICAL	REQUIREMENTS:		(3) 7	TEST CON	NDITION	S:
_	OHM AT 25	MHz	1 IMPEDANCE ANALYZER: Agilent E4991A			
Z_2 = 117 min	OHM AT 100	MHz	TEST FIXTURE: HP16092A			
			2.WIF	RE: Φ0.65 2UE	Wx100mm x 1	1/2Ts
(4)PACKING			(5) A	APPEARA]	NCE	
IN BU	ILK X VACUUM	INSERTION	CORE 街	快角允收範圍:		
PCS/BAG*	BAGS/INNER BOX:	BOXES/CARTON = PCS	1.接觸面:	點時,面積1.5mm²以下,	2點以上時,面積和2m	nm ² 以下,深度0.8mm以下
60 PCS/PLATE* 12	PLATES/CARTON= 720	PCS	2.非接觸面	j:1點時,面積2mm ² 以下	,2點以上時,面積和31	mm²以下,深度1mm以下
PCS/TRAY*	TRAYS/CARTON=	PCS	It is co	onsidered as a r	normal conditi	ion that the
			surface	of core covers	with ferrite p	owder.
(6)REMARK:			App	proved by	吳炳勲	
塑膠殻: PA66 DU	JPONT BLACK COLOR		Che	ecked by	吴明琛	
			Dra	.wn by	鍾佩宜	2013/8/2
			DW	G.NO.	20138008	A

ER011B

TEST DATA FOR PREPRODUCTION SAMPLES

CUSTOMER		MARITEX		CUST. P/N		
ORDERING CODE	K5B	RC 10x20x5	5-MB	K.C. P/N	PK1008IM	
TEMP.	24 °C	RH	69 %	DWG.NO.	20138008A	
WIRE	0.65x100mm 0 2HEW	WINDING	<i>1</i> /2 Ts	Q'TY	5PCS	
Test Instrument				-		
Meas. Item.	Z (OHM)	Z (OHM)	A mm	B mm	C mm	D mm
Specification	68 min	117 min	13.0±1.0	12.0±1.0	5.00±0.25	25.5±1.0
Test Freq.	25 MHz	100 MHz				
sample#1	88	146	13.04	11.88	5.11	25.41
sample#2	84	144	13.09	11.83	5.16	25.44
sample#3	90	141	13.00	11.82	5.13	25.42
sample#4	91	141	13.01	11.77	5.13	25.46
sample#5	88	141	13.07	11.82	5.14	25.46
sample#6						
sample#7						
sample#8						
sample#9						
sample#10						
X	88.2	142.6	13.042	11.824	5.134	25.438
R	7	5	0.09	0.11	0.05	0.05
REMARK:					Approved by:	炎炳敷
					Checked by:	吴明珠
					Drawn by:	重偏官

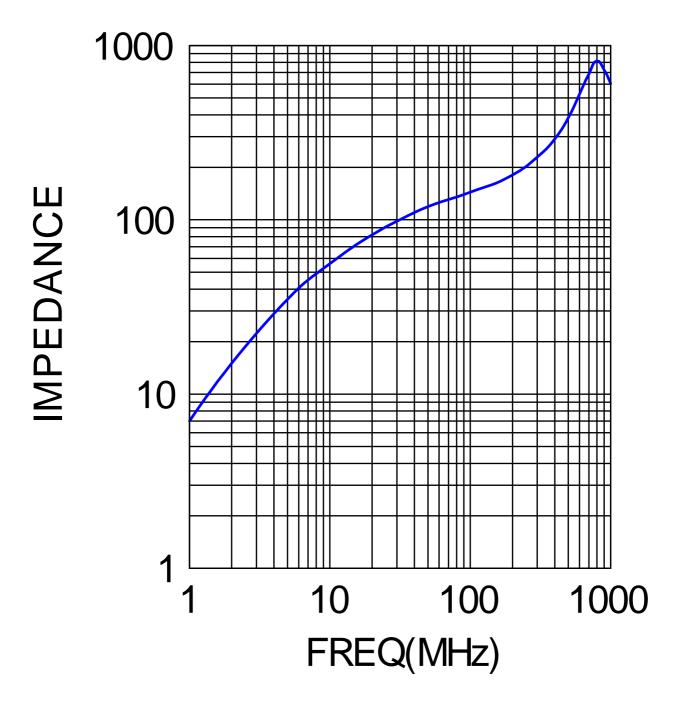
KING CORE ELECTRONICS INC.

TEST DATA FOR PREPRODUCTION SAMPLES

CUSTOMER	MARITEX				CUST. P/N		
ORDERING CODE	K5B RC 10x20x5-MB				K.C. P/N	PK1008I	M
TEMP.	24 °C	RH	69	%	DWG.NO.	20138008	8A
WIRE	0.65x100mm 0 211EW	WINDING	1/2	Ts	Q'TY	5PCS	
Test Instrument							
Meas. Item.	E mm						
Specification	2.4±0.5						
Test Freq.							
sample#1	2.55						
sample#2	2.46						
sample#3	2.52						
sample#4	2.49						
sample#5	2.46						
sample#6							
sample#7							
sample#8							
sample#9							
sample#10							
X	2.496						
R	0.09						
REMARK:						Approved by	.
						Checked by:	英明球
						Drawn by:	鍾偏宜

KING CORE ELECTRONICS INC.

K5B RC 10x20x5-MB





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鈞寶電子工業股份有限公司 KING CORE ELECTRONICS INC.

桃園縣平鎮市平鎮工業區南豐路269號

NO. 269, NANFONG RD., PINGJHEN CITY, TAOYUAN COUNTY, TAIWAN

以下測試樣品係由申請廠商所提供及確認 (The following sample(s) was/were submitted and identified by/on behalf of the applicant as):

送樣廠商(Sample Submitted By) : 鈞寶電子工業股份有限公司 (KING CORE ELECTRONICS INC.)

樣品名稱(Sample Description) : FERRITE CORE

樣品型號(Style/Item No.) : K5B

收件日期(Sample Receiving Date) : 2013/05/03

測試期間(Testing Period) : 2013/05/03 TO 2013/05/08

測試需求(Test Requested)

- (1) 依據客户要求,參考RoHS 2011/65/EU Annex II 指令進行鎬,鉛,汞,六價鉻,多溴聯苯,多溴聯苯醚測試. (As specified by client, with reference to RoHS Directive 2011/65/EU Annex II to determine Cadmium, Lead, Mercury, Cr(VI), PBBs, PBDEs contents in the submitted sample.)
- (2) 依據客户指定,進行全氟辛酸(銨)、全氟辛烷磺酸、鹵素-氟、氯、溴、碘測試. (As specified by client, to test PFOA, PFOS, Halogen-Fluorine, Chlorine, Bromine, Iodine contents in the submitted sample.)

測試方法(Test Method) 測試結果(Test Results)

結論(Conclusion)

- : 請見下一頁 (Please refer to next pages).
- : 請見下一頁 (Please refer to next pages).
- : (1) 根據客户所提供的樣品,其鎬,鉛,汞,六價鉻,多溴聯苯,多溴聯苯醚的測試結果符合RoHS指令2002/95/EC的更新指令2011/65/EU之要求 (Based on the performed tests on submitted samples, the test results of Cadmium, Lead, Mercury, Cr(VI), PBBs, PBDEs comply with the limits as set by RoHS Directive 2011/65/EU Annex II; recasting 2002/95/EC.)

Edison Chang/Sr. Supervisor Signed for and on behalf of SGS TAIWAN LAB Chemical Laboratory – Taipei

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NO. 269, NANFONG RD., PINGJHEN CITY, TAOYUAN COUNTY, TAIWAN

測試結果(Test Results)

測試部位(PART NAME) No.1: 鐵灰色塊狀 (IRON-GRAY LUMP)

測試項目 (Test Items)	單位 (Unit)	測試方法 (Method)	方法偵測 極限値 (MDL)	結果 (Result) No.1	法規 限値 (Limit)
鎬 / Cadmium (Cd)	mg/kg	参考IEC 62321: 2008方法, 以感應耦合電漿原子發射光譜儀檢測. / With reference to IEC 62321: 2008 and performed by ICP-AES.	2	n.d.	100
鉛 / Lead (Pb)	mg/kg	參考IEC 62321: 2008方法, 以感應耦合電漿原子發射光譜儀檢測. / With reference to IEC 62321: 2008 and performed by ICP-AES.	2	n.d.	1000
汞 / Mercury (Hg)	mg/kg	参考IEC 62321: 2008方法, 以感應耦合電漿原子發射光譜儀檢測. / With reference to IEC 62321: 2008 and performed by ICP-AES.	2	n.d.	1000
六價鉻 / Hexavalent Chromium Cr(VI)	mg/kg	参考IEC 62321: 2008方法,以UV-VIS 檢測. / With reference to IEC 62321: 2008 and performed by UV- VIS.	2	n.d.	1000
全氟辛烷磺酸 / Perfluorooctane sulfonates (PFOS-Acid, Metal Salt, Amide)	mg/kg	参考US EPA 3550C: 2007方法,以液相層析/質譜儀檢測. / With reference to US EPA 3550C: 2007. Analysis was performed by LC/MS.	10	n.d.	-
全氟辛酸(銨)/ PFOA (CAS No.: 335-67- 1)	mg/kg	参考US EPA 3550C: 2007方法,以液相層析/質譜儀檢測. / With reference to US EPA 3550C: 2007. Analysis was performed by LC/MS.	10	n.d.	-



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NO. 269, NANFONG RD., PINGJHEN CITY, TAOYUAN COUNTY, TAIWAN

測試項目 (Test Items)	單位 (Unit)	測試方法 (Method)	方法偵測 極限値 (MDL)	結果 (Result) No.1	法規 限値 (Limit)
多溴聯苯總和 / Sum of PBBs			-	n.d.	1000
一溴聯苯 / Monobromobiphenyl			5	n.d.	-
二溴聯苯 / Dibromobiphenyl			5	n.d.	-
三溴聯苯 / Tribromobiphenyl			5	n.d.	-
四溴聯苯 / Tetrabromobiphenyl	 		5	n.d.	-
五溴聯苯 / Pentabromobiphenyl		5	n.d.	-	
六溴聯苯 / Hexabromobiphenyl			5	n.d.	-
七溴聯苯 / Heptabromobiphenyl			5	n.d.	1
八溴聯苯 / Octabromobiphenyl			5	n.d.	=
九溴聯苯 / Nonabromobiphenyl		参考IEC 62321: 2008方法,以氣相層	5	n.d.	-
十溴聯苯 / Decabromobiphenyl	mg/kg	析/質i 集	5	n.d.	-
多溴聯苯醚總和 / Sum of PBDEs	mg/ kg		-	n.d.	1000
一溴聯苯醚 / Monobromodiphenyl ether			5	n.d.	1
二溴聯苯醚 / Dibromodiphenyl ether			5	n.d.	1
三溴聯苯醚 / Tribromodiphenyl ether			5	n.d.	-
四溴聯苯醚 / Tetrabromodiphenyl ether			5	n.d.	ı
五溴聯苯醚 / Pentabromodiphenyl ether			5	n.d.	-
六溴聯苯醚 / Hexabromodiphenyl ether			5	n.d.	-
七溴聯苯醚 / Heptabromodiphenyl ether			5	n.d.	-
八溴聯苯醚 / Octabromodiphenyl ether			5	n.d.	-
九溴聯苯醚 / Nonabromodiphenyl ether			5	n.d.	-
十溴聯苯醚 / Decabromodiphenyl ether			5	n.d.	-
鹵素 / Halogen					
鹵素(氟)/ Halogen-Fluorine (F) (CAS No.: 14762-94-8)	mg/kg		50	n.d.	-
鹵素 (氣) / Halogen-Chlorine (C1) (CAS No.: 22537-15-1)	mg/kg	参考BS EN 14582:2007, 以離子層析 儀分析. / With reference to BS EN	50	n.d.	-
鹵素(溴)/ Halogen-Bromine (Br) (CAS No.: 10097-32-2)	mg/kg	14582:2007. Analysis was performed by IC.	50	n.d.	-
鹵素(碘)/ Halogen-Iodine (I) (CAS No.: 14362-44-8)	mg/kg		50	n.d.	-

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NO. 269, NANFONG RD., PINGJHEN CITY, TAOYUAN COUNTY, TAIWAN

備註(Note):

- 1. mg/kg = ppm; 0.1wt% = 1000ppm
- 2. n.d. = Not Detected (未檢出)
- 3. MDL = Method Detection Limit (方法偵測極限値)
- 4. "-" = Not Regulated (無規格值)

PFOS参考資訊(Reference Information): 持久性有機污染物 POPs - (EU) 757/2010

PFOS濃度在物質或製備中不得超過0.001%(10ppm),在半成品、成品或零部件中不得超過0.1%(1000ppm),在紡織品或塗層材料中不得超過1 μ g/m²。(Outlawing PFOS as substances or preparations in concentrations above 0.001% (10ppm), in semi-finished products or articles or parts at a level above 0.1%(1000ppm), in textiles or other coated materials above 1μ g/m².)



日期(Date): 2013/05/08

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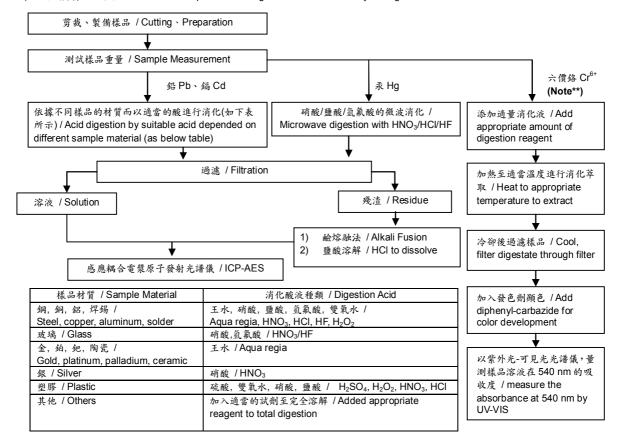
鈞寶電子工業股份有限公司

KING CORE ELECTRONICS INC.

桃園縣平鎮市平鎮工業區南豐路269號

NO. 269, NANFONG RD., PINGJHEN CITY, TAOYUAN COUNTY, TAIWAN

- 1) 根據以下的流程圖之條件,樣品已完全溶解。(六價鉻測試方法除外) / These samples were dissolved totally by pre-conditioning method according to below flow chart. (Cr⁶⁺ test method excluded)
- 2) 测試人員:楊登偉 / Name of the person who made measurement: Climbgreat Yang
- 3) 測試負責人: 張啓興 / Name of the person in charge of measurement: Troy Chang



Note**:(1) 針對非金屬材料加入鹼性消化液 n 加熱至 90~95℃萃取. / For non-metallic material, add alkaline digestion reagent and heat to 90~95℃.

(2) 針對金屬材料加入純水,加熱至沸騰萃取. / For metallic material, add pure water and heat to boiling.



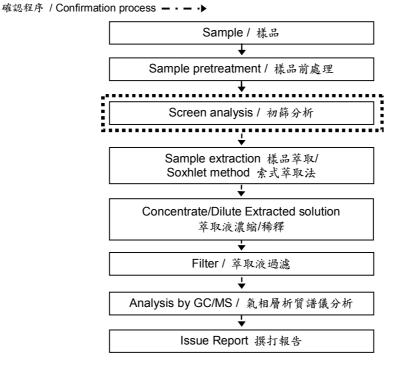
號碼(No.): CE/2013/50389 日期(Date): 2013/05/08 頁數(Page): 6 of 9

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NO. 269, NANFONG RD., PINGJHEN CITY, TAOYUAN COUNTY, TAIWAN

多溴聯苯/多溴聯苯醚分析流程圖 / PBB/PBDE analytical FLOW CHART

- 測試人員: 翁賜彬 / Name of the person who made measurement: Roman Wong



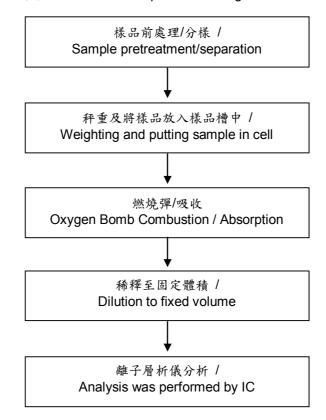


號碼(No.): CE/2013/50389 日期(Date): 2013/05/08 頁數(Page): 7 of 9

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鹵素分析流程圖 / Analytical flow chart of halogen content

- 測試人員: 陳恩臻 / Name of the person who made measurement: Rita Chen
- 測試負責人:張啓興 / Name of the person in charge of measurement: Troy Chang





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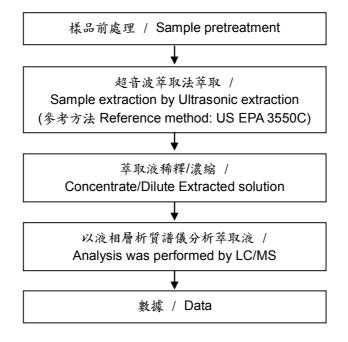
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NO. 269, NANFONG RD., PINGJHEN CITY, TAOYUAN COUNTY, TAIWAN



全氟辛酸(銨)/全氟辛烷磺酸分析流程圖 / PFOA/PFOS analytical flow chart

- 測試人員:翁賜彬/Name of the person who made measurement: Roman Wong
- 測試負責人:張啓興 / Name of the person in charge of measurement: Troy Chang





號碼(No.): CE/2013/50389 日期(Date): 2013/05/08 頁數(Page): 9 of 9

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NO. 269, NANFONG RD., PINGJHEN CITY, TAOYUAN COUNTY, TAIWAN

* 照片中如有箭頭標示,則表示為實際檢測之樣品/部位. *

(The tested sample / part is marked by an arrow if it's shown on the photo.)

CE/2013/50389



** 報告結尾(End of Report) **



Test Report

號碼(No.) : CE/2013/20314 日期(Date) : 2013/02/18 頁數(Page) : 1 of 13

和巧股份有限公司

UNIX PLASTICS INC.

桃園縣觀音鄉上大村中觀路1段767號

NO. 767, SEC. 1, ZHONG GUAN RD. NEIGHBORHOOD 13. SHANGDA VIL. GUANYIN TOWNSHIP, TAOYUAN COUNTY 328, TAIWAN (R.O.C.)

以下測試樣品係由客户送樣,且由客户聲稱並經客户確認如下 (The following samples was/were submitted and identified by/on behalf of the client as):

樣品名稱(Sample Description)

產品型號(Style/Item No.)

: 請參考第5~6頁 (PLEASE REFER TO PAGE 5~6)

其他資料(Other Info.)

: PA66 DUPONT 101L BLACK COLOR, 101L GRAY COLOR, 101L IVORY COLOR,

101L WHITE COLOR, N66-AS/10-VO(B), TORAY CM3004 BLACK COLOR,

CM3004 GRAY COLOR, CM3004 WHITE COLOR, HP-740E BLACK, HP-918 WHITE,

HP-760E BLACK, HP-960E WHITE, POM 500P COLOR (BLACK), PA66-T3004N1-V0,

PA66 TORAY CM3004-V0 G-0937, PA66 TORAY CM3004-V0 AF-G-1014, PA66-T3004(110891), N66 101F BKB009, AMILAN CM3004 V0E C8064,

NYLON 66-1300S-3J1, PBT-3030, PBT-4815, PA66-AG330

收件日期(Sample Receiving Date)

: 2013/02/04

測試期間(Testing Period)

: 2013/02/04 TO 2013/02/18

請見下一頁 (Please refer to next pages). 測試結果(Test Results) :



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台灣檢驗科技股份有限公司



Test Report

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和巧股份有限公司

UNIX PLASTICS INC.

桃園縣觀音鄉上大村中觀路1段767號

NO. 767, SEC. 1, ZHONG GUAN RD. NEIGHBORHOOD 13. SHANGDA VIL. GUANYIN TOWNSHIP, TAOYUAN COUNTY 328, TAIWAN (R.O.C.)

測試結果(Test Results)

測試部位(PART NAME)No.1 : 混測所有顏色塑膠 (MIXED ALL COLORED PLASTIC)

測試項目 (Test Items)	(Test Items) (Unit) (Method)		方法偵測 極限値 (MDL)	結果 (Result) No.1
鎬 / Cadmium (Cd)	mg/kg	参考IEC 62321: 2008方法,以感應耦合電漿原	2	n.d.
鉛 / Lead (Pb)	mg/kg	- 予考 IBC 02321. 2000万広, へ忽恐禍ら 見水ホー 子發射光譜儀檢測. / With reference to IEC	2	n.d.
汞 / Mercury (Hg)	mg/kg	62321: 2008 and performed by ICP-AES.	2	n.d.
六價络 / Hexavalent Chromium Cr(VI)	mg/kg	參考IEC 62321: 2008方法,以UV-VIS檢測./ With reference to IEC 62321: 2008 and performed by UV-VIS.	2	n.d.
全氟辛烷磺酸 / Perfluorooctane sulfonates (PFOS-Acid, Metal Salt, Amide)	mg/kg	参考US EPA 3550C: 2007方法,以液相層析/質譜儀檢測./With reference to US EPA 3550C: 2007. Analysis was performed by LC/MS.	10	n.d.
全氟辛酸(銨)/ PFOA (CAS No.: 335-67-1)	mg/kg	参考US EPA 3550C: 2007方法,以液相層析/質 譜儀檢測. / With reference to US EPA 3550C: 2007. Analysis was performed by LC/MS.	10	n.d.
六溴環十二烷 / Hexabromocyclododecane (HBCDD) (CAS No.: 25637-99-4)	mg/kg	參考US EPA 3540C方法,以氣相層析/質譜儀檢測. / With reference to US EPA 3540C method. Analysis was performed by GC/MS.	5	n.d.
鄰苯二甲酸甲苯基丁酯 / BBP (Benzyl butyl phthalate) (CAS No.: 85-68-7)	%	參考EN 14372, 以氣相層析/質譜儀檢測之. / With reference to EN 14372. Analysis was performed by GC/MS.	0.003	n.d.
鄰苯二甲酸二丁酯 / DBP (Dibutyl phthalate) (CAS No.: 84-74-2)	%	参考EN 14372, 以氣相層析/質譜儀檢測之./ With reference to EN 14372. Analysis was performed by GC/MS.	0.003	n.d.



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測試項目 (Test Items)	單位 (Unit)	測試方法 (Method)	方法偵測 極限値 (MDL)	結果 (Result) No.1
鄰苯二甲酸二 (2-乙基己基)酯 / DEHP (Di- (2-ethylhexyl) phthalate) (CAS No.: 117-81-7)	%	参考EN 14372, 以氣相層析/質譜儀檢測之. / With reference to EN 14372. Analysis was performed by GC/MS.	0.003	n.d.
多溴聯苯總和 / Sum of PBBs	mg/kg		-	n.d.
一溴聯苯 / Monobromobiphenyl	mg/kg		5	n.d.
二溴聯苯 / Dibromobiphenyl	mg/kg		5	n.d.
三溴聯苯 / Tribromobiphenyl	mg/kg		5	n.d.
四溴聯苯 / Tetrabromobiphenyl	mg/kg		5	n.d.
五溴聯苯 / Pentabromobiphenyl	mg/kg		5	n.d.
六溴聯苯 / Hexabromobiphenyl	mg/kg		5	n.d.
七溴聯苯 / Heptabromobiphenyl	mg/kg		5	n.d.
八溴聯苯 / Octabromobiphenyl	mg/kg		5	n.d.
九溴聯苯 / Nonabromobiphenyl	mg/kg		5	n.d.
十溴聯苯 / Decabromobiphenyl	mg/kg	參考IEC 62321: 2008方法, 以氣相層析/質譜	5	n.d.
多溴聯苯醚總和 / Sum of PBDEs	mg/kg	儀檢測. / With reference to IEC 62321: 2008 and performed by GC/MS.	-	n.d.
一溴聯苯醚 / Monobromodiphenyl ether	mg/kg	2006 and periormed by GC/MS.	5	n.d.
二溴聯苯醚 / Dibromodiphenyl ether	mg/kg		5	n.d.
三溴聯苯醚 / Tribromodiphenyl ether	mg/kg		5	n.d.
四溴聯苯醚 / Tetrabromodiphenyl ether	mg/kg		5	n.d.
五溴聯苯醚 / Pentabromodiphenyl ether	mg/kg		5	n.d.
六溴聯苯醚 / Hexabromodiphenyl ether	mg/kg		5	n.d.
七溴聯苯醚 / Heptabromodiphenyl ether	mg/kg		5	n.d.
八溴聯苯醚 / Octabromodiphenyl ether	mg/kg		5	n.d.
九溴聯苯醚 / Nonabromodiphenyl ether	mg/kg		5	n.d.
十溴聯苯醚 / Decabromodiphenyl ether	mg/kg		5	n.d.



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桃園縣觀音鄉上大村中觀路1段767號

NO. 767, SEC. 1, ZHONG GUAN RD. NEIGHBORHOOD 13. SHANGDA VIL. GUANYIN TOWNSHIP, TAOYUAN COUNTY 328, TAIWAN (R.O.C.)

測試項目 (Test Items)	單位 (Unit)	測試方法 (Method)	方法偵測 極限値 (MDL)	結果 (Result) No.1
鹵素 / Halogen				
鹵素(氟)/ Halogen-Fluorine (F) (CAS No.: 14762-94-8)	mg/kg	参考BS EN 14582:2007, 以離子層析儀分析. / With reference to BS EN 14582:2007. Analysis was performed by IC.	50	n.d.
鹵素(氣)/ Halogen-Chlorine (C1) (CAS No.: 22537-15-1)	mg/kg		50	n.d.
鹵素(溴)/ Halogen-Bromine (Br) (CAS No.: 10097-32-2)	mar/lear		50	170
鹵素(碘)/ Halogen-Iodine (I) (CAS No.: 14362-44-8)	mg/kg		50	n.d.

備註(Note):

- 1. mg/kg = ppm ; 0.1wt% = 1000ppm
- 2. n.d. = Not Detected (未檢出)
- 3. MDL = Method Detection Limit (方法偵測極限值)
- 4. "-" = Not Regulated (無規格值)
- 5. 樣品的測試是基於申請人要求混合測試,報告中的混合測試結果不代表其中個别單一材質的含量. (The samples was/were analyzed on behalf of the applicant as mixing sample in one testing. The above results was/were only given as the informality value.)

PFOS參考資訊(Reference Information): 持久性有機污染物 POPs - (EU) 757/2010

PFOS濃度在物質或製備中不得超過0.001%(10ppm),在半成品、成品或零部件中不得超過0.1%(1000ppm),在紡織品或塗 層材料中不得超過1ug/m2。

(Outlawing PFOS as substances or preparations in concentrations above 0.001% (10ppm), in semi-finished products or articles or parts at a level above 0.1%(1000ppm), in textiles or other coated materials above $1 \mu g/m^2$.)



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NO. 767, SEC. 1, ZHONG GUAN RD. NEIGHBORHOOD 13. SHANGDA VIL. GUANYIN TOWNSHIP, TAOYUAN COUNTY 328, TAIWAN (R.O.C.)

產品型號(Style/Item No.):

0430,0530(B),0530(G),0530V(B),0530(W),0530(NL),0715(B),

0730(B),0730(G),0730V(B),0930-1A(B),0930-1A(G),0930-1A(NL),

0930-1A(W), 0930-1AV(G), 0930-2(B), 0930-2(G), 0930-2(NL),

0930-2A(B), 0930-2A(G), 1030(B), 1130N(B), 1130N(G), 1130N(NL), 1130N(W), 1330(B), 1330(G),

1330V(B), 1330V(G), 1330A(B), 1330A(G), 1330AV(G), 1518(B), 1518(G),

2017,2026(B),3035(B),3035(G),3035V(B),F110,F30(B),F30(G),F30(NL),

F30(W),F35(B),F35(G),F35(W),F75(B),F75(W),LF100(B),LF100(NL),LF100(W),

LF1230V(G), LF130(B), LF130(W), LF130(NL), LF190(B), LF190V(B), LF50S(B),

LF50S(W), LF65(W), LF65(B), LF65A(B), LF65S(B), LF65S(NL), U-27,

S2001-2C2, MAG163A(B)), MAG163A(G), MAG163AV(G), MAG204A(B), MAG204A(NL), MAG204A(G)

MAG204A(W), MAG204AV(B), LF130V(B), P602.072-003, P602.804-001, P602.804-002, P612.072-001, P602.072-019

MAG168A(B), MAG168A(G), MAG168AV(B), MAG238AS(B), MAG238S(B),

MAG250S(B), MAG250SV(B), MAG250S(NL), MAG250S(G), UF-6.5(W),

LF1613-0930R3,0930-1A-JYH,SR-10(B),SR10-1(B),SR10-2(B),SR-12(G),SR-160(B),SR-160N(B),UF-100ST(B),

UF-100ST(W), UF-130ST(B), UF-130ST(W), UF-65ST(B),

UF65ST(W), NC3-001-002, MC2-016-015, MC2-021-025, MC2-021-025(B)

三星外殼,2026ST,ASSE001(W),GRFC-3(NL),GRFC-4(NL),GRFC-5(NL)

GRFC-6(NL), GRFC-7(NL), GRFC-8(NL), GRFC-9(NL), GRFC-10(NL), GRFC-13(NL),

GRFC-3(B), GRFC-4(B), GRFC-5(B), GRFC-6(B), GRFC-7(B), GRFC-8(B), GRFC-9(B), GRFC-10(B), GRFC-13(B)

VBD-1010-60(B), VBD-1010-60(W), VBD-1410-40(B), VBD-1412-40 BK, VBD-1010-18(W), VBD-1010-40(BK),

ARFC-4(NL3), ARFC-5(NL3), ARFC-6(NL1), ARFC-8(NL3), ARFC-9(NL1), ARFC-13(NL3)

P601.804-011, P602.072-004, P602.072-003, P602.804-002, P611.634-001, P612.072-001, P602.634-021,

ARFC-4V(NL), ARFC-5V(NL), ARFC-6V(NL), ARFC-8V(NL1), ARFC-9V(NL)

ATFC-16813(NL3), ATFC-16813V(NL), ATFC-16816(NL3), ATFC-16816V(NL4), ATFC-201010(NL3),

ATFC-201010V(NL), ATFC-231114(NL3), ATFC-231114V(NL4), ATFC-251512(NL3),

TKN-03, TKN-04, GM9025235-1, GM9025235-2, RSGSL-190E BK



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ZCAT1325-0530BK, ZCAT3035-1330BK, ZCAT2035-0930BK, ZCAT2132-1130BK,

ZCAT2032-0930BK, ZCAT1518-0730BK, ZCAT1518NL-SW(BK),

ZCAT1730-0730BK, ZCAT1730NL-SW(BK), ZCAT2017-0930BK, ZCAT2035NL-SE(BK),

ZCAT2436-1330BK, CASE ZCAT 1325A-JW-SNBK, CASE ZCAT2035-JW-SNBK,

CASE ZCAT 1325E- BK, CASE ZCAT2035-JW BK, ZCAT3035-1330GY, ZCAT3035NL-SW(GY),

ZCAT2035-0930GY, ZCAT2035NL-SW(GY), ZCAT2132-1130GY, ZCAT2132BNL-SW(GY),

ZCAT2436-1330GY, ZCAT2436-SW(GY), ZCAT2032-0930GY, ZCAT2032NL-SW(GY),

ZCAT2017-0930GY, ZCAT2017NL-SW(GY), ZCAT1730-0730GY, ZCAT1730NL-SW(GY),

ZCAT-0730GY, ZCAT1325-0530GY, CASE ZCAT 1325A-JW-VT, ZCAT1518-SW-GY,

ZCAT1325-SW GY,ZCAT2032-0930 BK,ZCAT1325NL-SW BK,ZCAT1518-0730 GY

CASE ZCAT10FR2, CASE 3035D-SWA-GY, ZCAT2235-1030A GY, ZCAT 4625-3430D GY, ZCAT 4625-3430D BK,

ZCAT 3618-2630D-GY, ZCAT 3618-2630D-BK, ZCAT 13D GY, ZCAT 13D BK, ZCAT 20D GY, ZCAT 20D BK,

ZCAT 2235-1030A GY, ZCAT 2235-1030A BK, P631.804-002, P631.804-001, P602.072-015, P602.072-016

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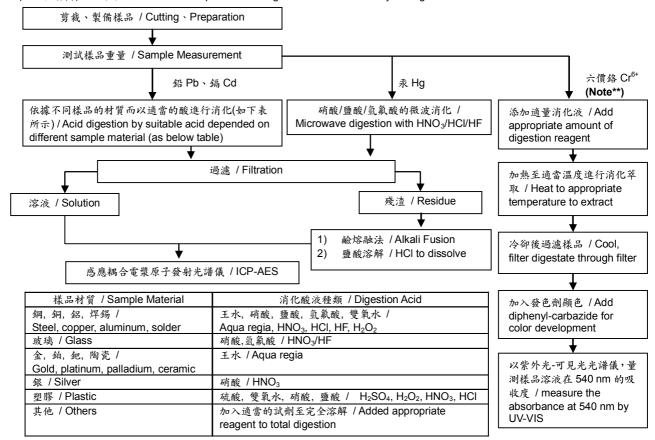
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- 根據以下的流程圖之條件,樣品已完全溶解。(六價鉻測試方法除外) / These samples were dissolved totally by pre-conditioning method according to below flow chart. (Cr⁶⁺ test method excluded)
- 測試人員:楊登偉 / Name of the person who made measurement: Climbgreat Yang
- 測試負責人:張啓興 / Name of the person in charge of measurement: Troy Chang



Note**: (1) 針對非金屬材料加入鹼性消化液,加熱至 90~95℃萃取. / For non-metallic material, add alkaline digestion reagent and heat

(2) 針對金屬材料加入純水,加熱至沸騰萃取. / For metallic material, add pure water and heat to boiling.

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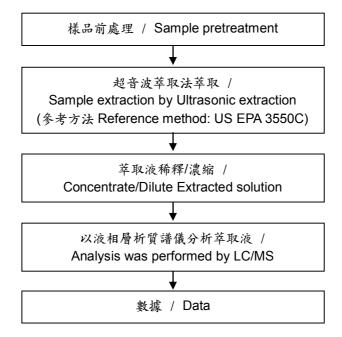
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全氟辛酸(銨)/全氟辛烷磺酸分析流程圖 / PFOA/PFOS analytical flow chart

- 測試人員: 翁賜彬 / Name of the person who made measurement: Roman Wong
- 測試負責人:張啓興 / Name of the person in charge of measurement: Troy Chang



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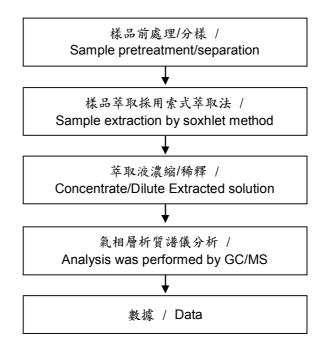
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六溴環十二烷分析流程圖 / HBCDD analytical flow chart

- 測試人員:翁賜彬 / Name of the person who made measurement: Roman Wong
- 測試負責人:張啓興 / Name of the person in charge of measurement: Troy Chang



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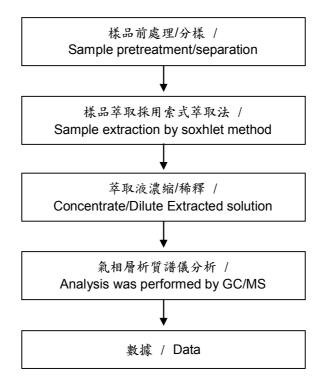
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可塑劑分析流程圖 / Analytical flow chart of phthalate content

- 測試人員: 翁賜彬 / Name of the person who made measurement: Roman Wong
- 測試負責人:張啓興 / Name of the person in charge of measurement: Troy Chang





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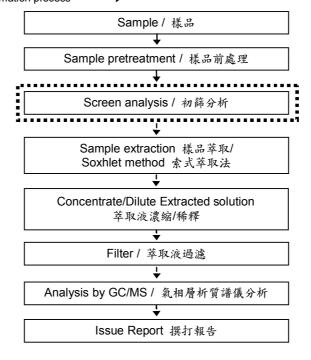
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多溴聯苯/多溴聯苯醚分析流程圖 / PBB/PBDE analytical FLOW CHART

- 測試人員:翁賜彬 / Name of the person who made measurement: Roman Wong
- 測試負責人:張啓興 / Name of the person in charge of measurement: Troy Chang

初次測試程序 / First testing process -選擇性篩檢程序 / Optional screen process ••••• 確認程序 / Confirmation process - · - · ▶





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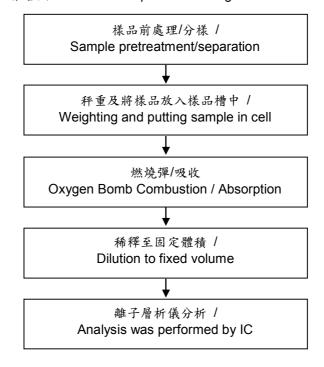
和巧股份有限公司 UNIX PLASTICS INC.

桃園縣觀音鄉上大村中觀路1段767號

NO. 767, SEC. 1, ZHONG GUAN RD. NEIGHBORHOOD 13. SHANGDA VIL. GUANYIN TOWNSHIP, TAOYUAN COUNTY 328, TAIWAN (R.O.C.)

鹵素分析流程圖 / Analytical flow chart of halogen content

- 1) 測試人員: 陳恩臻 / Name of the person who made measurement: Rita Chen
- 2) 測試負責人:張啓興 / Name of the person in charge of measurement: Troy Chang





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Test Report

和巧股份有限公司

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* 照片中如有箭頭標示,則表示為實際檢測之樣品/部位. *

(The tested sample / part is marked by an arrow if it's shown on the photo.)

CE/2013/20314



** 報告結尾 (End of Report) **

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