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台灣化學纖維股份有限公司 FORMOSA CHEMICALS & FIBRE CORPORATION 台北市敦化北路201號 201, TUNG HWA N. ROAD, TAIPEI, TAIWAN, R. O. C.

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 ar	nd identified by/on
pehalf of the applicant as):			
送樣廠商(Sample Submitted By)		(FORMOSA CHEMICALS & FIBR	E CORPORATION)
樣品名稱(Sample Description)	: POLYSTYRENE (聚苯乙烯)	all	
樣品型號(Style/Item No.)	: TAIRIREX GP5000, GP525N, (GP5250, GP5350, GP535A, G	25500, MP6500, HP8250,
	HP8258, HP9450		
收件日期(Sample Receiving Date)	: 2018/01/15		Ő
測試期間(Testing Period)	: 2018/01/15 TO 2018/01/19	~~~~	
測試需求(Test Requested)	 依據客戶指定,參考RoHS2011/6 六價鉻、多溴聯苯、多溴聯苯醚 reference to RoHS 2011/65/EU determine Cadmium, Lead, Mer contents in the submitted sa 	, DBP, BBP, DEHP, DIBP. (As Annex II and amending Direc cury, Cr(VI), PBBs, PBDEs, I	specified by client, with tive (EU) 2015/863 to
则試方法(Test Method) 🛛 💧	: 請參閱下一頁 (Please refe	r to following pages).	
測試結果(Test Results)	: 請參閱下一頁 (Please refe	r to following pages).	
結 論(Conclusion)	: 根據客戶所提供的樣品,其鎘、 DIBP的測試結果符合RoHS指令暨 on submitted sample(s), the PBDEs, DBP, BBP, DEHP, DIBP Directive (EU) 2015/863.)	(EU) 2015/863之限值要求. (Ba test results of Cadmium, Lea	ased on the performed tests ad, Mercury, Cr(VI), PBBs,
Troy mang Manager Tech Signed for and on behar of SGS TAIWAN LTS Chemical Laboratory - Taipei	President Black	REALCONCOLOURS CONTO	

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<u>測試結果(Test Results)</u>

測試部位(PART	NAME)No. 1	Ð	透明塑膠粒	(TRANSPARENT PLASTIC PELLETS (GP5000))	
測試部位(PART	NAME)No. 2	00	透明塑膠粒	(TRANSPARENT PLASTIC PELLETS (GP525N))	
測試部位(PART	NAME)No. 3	:	透明塑胶粒	(TRANSPARENT PLASTIC PELLETS (GP5250))	
測試部位(PART	NAME)No. 4	:	透明塑胶粒	(TRANSPARENT PLASTIC PELLETS (GP5350))	
測試部位(PART	NAME)No. 5	:	透明塑膠粒	(TRANSPARENT PLASTIC PELLETS (GP535A))	
測試部位(PART	NAME)No. 6	:	透明塑膠粒	(TRANSPARENT PLASTIC PELLETS (GP5500))	
測試部位(PART	NAME)No. 7	:	白色塑膠粒	(WHITE PLASTIC PELLETS (MP6500))	
測試部位(PART	NAME)No. 8	:	白色塑膠粒	(WHITE PLASTIC PELLETS (HP8250))	
測試部位(PART	NAME)No. 9	:	白色塑膠粒	(WHITE PLASTIC PELLETS (HP8258))	
測試部位(PART	NAME)No. 10	:	白色塑膠粒	(WHITE PLASTIC PELLETS (HP9450))	

测試項目 (Tract Iterra)	單位 (Unit)	測試方法 (Method) 方法偵測 極限值 (Method)		結果 (Result)			. 100
(Test Items)		(method)	(MDL)	No. 1	No. 2	No. 3	(LIMIL)
鎘 / Cadmium (Cd)	mg/kg	參考IEC 62321-5 (2013), 以 感應耦合電漿原子發射光譜儀 檢測. / With reference to IEC 62321-5 (2013) and	2	n. d.	n. d.	n. d.	100
鉛 / Lead (Pb)	mg/kg	參考IEC 62321-5 (2013), 以 感應耦合電漿原子發射光譜儀 檢測. / With reference to IEC 62321-5 (2013) and	2	n. d.	n. d.	n. d.	1000
汞 / Mercury (Hg)	mg/kg	參考IEC 62321-4 (2013), 以 感應耦合電漿原子發射光譜儀 檢測. / With reference to IEC 62321-4 (2013) and	2	n. d.	n. d.	n. d.	1000
六價貉 / Hexavalent Chromium Cr(VI)	mg/kg	參考IEC 62321-7-2 (2017), 以UV-VIS檢測. / With reference to IEC 62321-7-2 (2017) and performed by UV-VIS.	8	n. d.	n. d.	n. d.	1000

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測試項目 (Test Items)		单位 測試方法 極限 (IInit) (Nothod) 極限	方法偵測 極限值	結	限值 (Timit)		
(Test Items)	(Unit)	(Method)	(MDL)	No. 1	No. 2	No. 3	(Limit)
多溴聯苯總和 / Sum of PBBs	mg/kg	all the Course	- 23	n. d.	n. d.	n. d.	1000
一溴聯苯 / Monobromobiphenyl	mg/kg	MASTEC.	5	n. d.	n.d.	n. d.	-
二溴聯苯 / Dibromobiphenyl	mg/kg		5	n. d.	n. d.	n. d.	-
三溴聯苯 / Tribromobiphenyl	mg/kg		5	_n. d.	n. d.	n. d.	-
四溴聯苯 / Tetrabromobiphenyl	mg/kg	and a second sec	5	n. d.	n. d.	n. d.	-
五溴聯苯 / Pentabromobiphenyl	mg/kg	THE CLID	5	n. d.	n. d.	n. d.	-
六溴聯苯 / Hexabromobiphenyl	mg/kg	A THUMPLE	5	n. d.	n. d.	n. d.	-
七溴聯苯 / Heptabromobiphenyl	mg/kg		5	n. d.	n. d. 🔬	n. d.	-
八溴聯苯 / Octabromobiphenyl	mg/kg		5	n. d.	n. d.	n. d.	-
九溴聯苯 / Nonabromobiphenyl	mg/kg	参考IEC 62321-6 (2015),以	5	n. d.	n. d.	n. d.	-
十溴聯苯 / Decabromobiphenyl	mg/kg	氣相層析/質譜儀檢測. /	5	n. d.	n. d.	n. d.	-
多溴聯苯醚總和 / Sum of PBDEs	mg/kg	With reference to IEC 62321-6 (2015) and	-	n. d.	n.d.	n. d.	1000
一溴聯苯醚 / Monobromodiphenyl ether	mg/kg	performed by GC/MS.	5	n. d.	n. d.	n. d.	-
二溴聯苯醚 / Dibromodiphenyl ether	mg/kg		5	n. d.	n. d.	n. d.	-
三溴聯苯醚 / Tribromodiphenyl ether	mg/kg	lon att	5	n. d.	n. d. 🏑	n. d.	-
四溴聯苯醚 / Tetrabromodiphenyl ether	mg/kg		5	n. d.	n. d.	n. d.	-
五溴聯苯醚 / Pentabromodiphenyl ether	mg/kg	Č D	5	n. d.	n.d.	n. d.	-
六溴聯苯醚 / Hexabromodiphenyl ether	mg/kg		5	n. d.	n. d.	n. d.	-
七溴聯苯醚 / Heptabromodiphenyl ether	mg/kg		5	n. d.	n.d.	n. d.	-
八溴聯苯醚 / Octabromodiphenyl ether	mg/kg	all Sho	5	n. d.	n. d.	n. d.	-
九溴聯苯醚 / Nonabromodiphenyl ether	mg/kg	Martin CO L	5	n. d.	n. d.	n. d.	_
十溴聯苯醚 / Decabromodiphenyl ether	mg/kg	10414 call	5	n. d.	n. d.	n. d.	-

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测试項目	測試項目 單位 Test Items) (Unit)		方法偵測 極限值	結果 (Result)			限值 (Limit)
(lest Items)	(0111)	(Method)	(MDL)	No. 1	No. 2	No. 3	
鄰苯二甲酸丁苯甲酯 / BBP (Butyl Benzyl phthalate) (CAS No.: 85-68- 7)	mg/kg	EFICTION.	50	n. d.	n. d.	n. d.	1000
鄰苯二甲酸二丁酯 / DBP(Dibuty1 phthalate)(CAS No.: 84-74-2)	mg/kg	參考IEC 62321-8 (2017),以 氣相層析儀/質譜儀檢測. /	50	n. d.	n. d.	n. d.	1000
鄰苯二甲酸二異丁酯 / DIBP (Di- isobutyl phthalate) (CAS No.: 84- 69-5)	mg/kg	With reference to IEC 62321-8 (2017). Analysis was performed by GC/MS.	50	n. d.	n. d.	n. d.	1000
鄰苯二甲酸二 (2-乙基己基)酯 / DEHP (Di- (2-ethylhexyl) phthalate) (CAS No.: 117-81-7)	mg/kg		50	n. d.	n. d.	n. d.	1000
测試項目	單位 (Unit)	测试方法	方法偵測 極限值	《 结	果(Resu	lt)	限值 (Limit)
(Test Items)		(Method)	(MDL)	No. 4	No. 5	No. 6	
鎘 / Cadmium (Cd)	mg/kg	參考IEC 62321-5 (2013), 以 感應耦合電漿原子發射光譜儀 檢測. / With reference to IEC 62321-5 (2013) and performed by ICP-AES.	2	n. d.	n. d.	n. d.	100
鉛 / Lead (Pb)	mg/kg	參考IEC 62321-5 (2013), 以 感應耦合電漿原子發射光譜儀 檢測. / With reference to IEC 62321-5 (2013) and performed by ICP-AES.	2	n. d.	n. d.	n. d.	1000
汞 / Mercury (Hg)	mg/kg	参考IEC 62321-4 (2013), 以 感應耦合電漿原子發射光譜儀 檢測. / With reference to IEC 62321-4 (2013) and performed by ICP-AES.	2	n. d.	n. d.	n. d.	1000

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Iest Report 台灣化學纖維股份有限公司 FORMOSA CHEMICALS & FIREF CORDO

FORMOSA CHEMICALS & FIBRE CORPORATION 台北市敦化北路201號 201, TUNG HWA N. ROAD, TAIPEI, TAIWAN, R. O. C.

测試項目	單位	测试方法	方法偵測 極限值	結	果(Resul	.t)	限值
(Test Items)	(Unit)	(Method)	(MDL)	No. 4	No. 5	No. 6	(Limit)
六價鉻 / Hexavalent Chromium Cr(VI)	mg/kg	参考IEC 62321-7-2 (2017), 以UV-VIS檢測. / With reference to IEC 62321-7-2 (2017) and performed by UV-VIS.	8	n. d.	n. d.	n. d.	1000
多溴聯苯總和 / Sum of PBBs	mg/kg		- 21	n. d.	n.d.	n.d.	1000
一溴聯苯 / Monobromobiphenyl	mg/kg	A R COLLE	5	n. d.	n. d.	n. d.	-
二溴聯苯 / Dibromobiphenyl	mg/kg	A CURRENT A	5	n.d.	n.d.	n. d.	-
三溴聯苯 / Tribromobiphenyl	mg/kg		5	n.d.	n. d. 🔬	n.d.	-
四溴聯苯 / Tetrabromobiphenyl	mg/kg		5	n.d.	n. d.	n. d.	-
五溴聯苯 / Pentabromobiphenyl	mg/kg		5	n.d.	n. d.	n.d.	-
六溴聯苯 / Hexabromobiphenyl	mg/kg		5	n.d.	n. d.	n.d.	-
七溴聯苯 / Heptabromobiphenyl	mg/kg		5	n. d.	n. d.	n.d.	-
八溴聯苯 / Octabromobiphenyl	mg/kg	A BUST ID	5	n. d.	n. d.	n.d.	-
九溴聯苯 / Nonabromobiphenyl	mg/kg	參考IEC 62321-6 (2015),以	5	n. d.	n.d.	n. d.	-
十溴聯苯 / Decabromobiphenyl	mg/kg	氣相層析/質譜儀檢測. /	5	n.d.	n. d. 🏑	n.d.	-
多溴聯苯醚總和 / Sum of PBDEs	mg/kg	With reference to IEC 62321-6 (2015) and	-	n.d.	n. d.	n.d.	1000
一溴聯苯醚 / Monobromodiphenyl ether	mg/kg	performed by GC/MS.	5	n.d.	n.d.	n.d.	-
二溴聯苯醚 / Dibromodiphenyl ether	mg/kg	F	5	n.d.	n. d.	n.d.	-
三溴聯苯醚 / Tribromodiphenyl ether	mg/kg		5	n. d.	n.d.	n.d.	-
四溴聯苯醚 / Tetrabromodiphenyl ether	mg/kg	Q1250	5	n. d.	n. d.	n.d.	-
五溴聯苯醚 / Pentabromodiphenyl ether	mg/kg	Mar COT	5	n. d.	n.d.	n. d.	-
六溴聯苯醚 / Hexabromodiphenyl ether	mg/kg	10 miles	5	n.d.	n.d.	n. d.	-
七溴聯苯醚 / Heptabromodiphenyl ether	mg/kg		5	n.d.	n.d.	n. d.	-
八溴聯苯醚 / Octabromodiphenyl ether	mg/kg		5	n.d.	n.d.	n. d.	-
九溴聯苯醚 / Nonabromodiphenyl ether	mg/kg		5	n.d.	n. d. 🔨	n. d.	-
十溴聯苯醚 / Decabromodiphenyl ether	mg/kg	alle	5	n. d. 🔬	n. d.	n. d.	-

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測試項目 (Toot Itoma)	测試項目 單位 (Test Items) (Unit)		方法偵測 極限值	結果(Resul		t) 限值 (Limit) No. 6 (Limit) n. d. 1000 n. d. 1000 n. d. 1000	
(Test Tiems)	(unit)	(Method)	(MDL)	No. 4	No. 5	No. 6	
鄰苯二甲酸丁苯甲酯 / BBP (Buty1 Benzyl phthalate) (CAS No.: 85-68- 7)	mg/kg	EFICTION CONT	50	n. d.	n. d.	n. d.	1000
鄰苯二甲酸二丁酯 / DBP(Dibuty1 phthalate)(CAS No.: 84-74-2)	mg/kg	參考IEC 62321-8 (2017), 以 氣相層析儀/質譜儀檢測. /	50	n. d.	n. d.	n. d.	1000
鄰苯二甲酸二異丁酯 / DIBP (Di- isobutyl phthalate) (CAS No.: 84- 69-5)	6	With reference to IEC 62321-8 (2017). Analysis was performed by GC/MS.	50	n. d.	n. d.	n. d.	1000
鄰苯二甲酸二 (2-乙基己基)酯 / DEHP (Di- (2-ethylhexyl) phthalate) (CAS No.: 117-81-7)	mg/kg		50	n. d.	n. d. 🚿	n. d.	1000

测試項目 (Test Iters)	單位 (Unit)	测试方法 (Method)	方法偵測 極限值	結果 (Result)		lt)	(20) h
(Test Items)		(Method)	(MDL)	No. 7	No. 8	No. 9	(LIMIL)
鎘 / Cadmium (Cd)	mg/kg	參考IEC 62321-5 (2013), 以 感應耦合電漿原子發射光譜儀 檢測. / With reference to IEC 62321-5 (2013) and performed by ICP-AES.	2	n. d.	n. d.	n. d.	100
鉛 / Lead (Pb)	mg/kg	參考IEC 62321-5 (2013), 以 感應耦合電漿原子發射光譜儀 檢測. / With reference to IEC 62321-5 (2013) and performed by ICP-AES.	2	n. d.	n. d.	n. d.	1000
汞 / Mercury (Hg)	mg/kg	参考IEC 62321-4 (2013), 以 感應耦合電漿原子發射光譜儀 檢測. / With reference to IEC 62321-4 (2013) and performed by ICP-AES.	2	n. d.	n. d.	n. d.	1000

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测試項目	單位	测试方法	方法偵測 極限值	結	果(Resul	t)	限值
(Test Items)	(Unit)	(Method)	(MDL)	No. 7	No. 8	No. 9	(Limit)
六價鉻 / Hexavalent Chromium Cr(VI)	mg/kg	参考IEC 62321-7-2 (2017), 以UV-VIS檢測. / With reference to IEC 62321-7-2 (2017) and performed by UV-VIS.	8	n. d.	n. d.	n. d.	1000
多溴聯苯總和 / Sum of PBBs	mg/kg	alle	- 21	n. d.	n. d.	n. d.	1000
一溴聯苯 / Monobromobiphenyl	mg/kg	A BRE COLL	5	n. d.	n. d.	n. d.	-
二溴聯苯 / Dibromobiphenyl	mg/kg	Al much	5	n. d.	n. d.	n. d.	-
三溴聯苯 / Tribromobiphenyl	mg/kg		5	n. d.	n. d. 🔬	n. d.	_
四溴聯苯 / Tetrabromobiphenyl	mg/kg		5	n. d.	n. d.	n.d.	-
五溴聯苯 / Pentabromobiphenyl 🛛 💛 🖤	mg/kg		5	n. d.	n. d.	n.d.	-
六溴聯苯 / Hexabromobiphenyl	mg/kg		5	n. d.	n. d.	n.d.	-
七溴聯苯 / Heptabromobiphenyl	mg/kg		5	n. d.	n. d.	n.d.	-
八溴聯苯 / Octabromobiphenyl	mg/kg	B C IIO	5	n. d.	n. d.	n. d.	-
九溴聯苯 / Nonabromobiphenyl	mg/kg	参考IEC 62321-6 (2015),以	5	n. d.	n. d.	n. d.	_
十溴聯苯 / Decabromobiphenyl	mg/kg	氣相層析/質譜儀檢測. /	5	n. d.	n. d. 🧹	n. d.	-
多溴聯苯醚總和 / Sum of PBDEs	mg/kg	With reference to IEC 62321-6 (2015) and	-	n. d.	n. d.	n. d.	1000
一溴聯苯醚 / Monobromodiphenyl ether	mg/kg	performed by GC/MS.	5	n. d.	n. d.	n. d.	-
二溴聯苯醚 / Dibromodiphenyl ether	mg/kg		5	n. d.	n. d.	n. d.	-
三溴聯苯醚 / Tribromodiphenyl ether	mg/kg		5	n. d.	n. d.	n. d.	-
四溴聯苯醚 / Tetrabromodiphenyl ether	mg/kg	12 m	5	n. d.	n. d.	n. d.	-
五溴聯苯醚 / Pentabromodiphenyl ether	mg/kg	A BUT COL	5	n. d.	n. d.	n. d.	-
六溴聯苯醚 / Hexabromodiphenyl ether	mg/kg	Contraction	5	n. d.	n. d.	n. d.	-
七溴聯苯醚 / Heptabromodiphenyl ether	mg/kg	A 10	5	n. d.	n. d. 🔨	n. d.	-
八溴聯苯醚 / Octabromodiphenyl ether	mg/kg	ົ	5	n. d.	n.d.	n. d.	-
九溴聯苯醚 / Nonabromodiphenyl ether	mg/kg		5	n. d.	n. d.	n. d.	-
十溴聯苯醚 / Decabromodiphenyl ether	mg/kg		5	n. d.	n.d.	n. d.	-

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测試項目 (Tagt Itama)	單位 (Unit)	測試方法 (Nathad)	方法偵測 極限值	結	果(Resu	lt)	限值 (Limit)
(Test Items)	(UIII L)	(Method)	(MDL)	No. 7	No. 8	No. 9	
鄰苯二甲酸丁苯甲酯 / BBP(Butyl Benzyl phthalate)(CAS No.: 85-68- 7)	mg/kg	BEALT BUCKMAN C	50	n. d.	n. d.	n. d.	1000
鄰苯二甲酸二丁酯 / DBP(Dibutyl phthalate)(CAS No.: 84-74-2)	mg/kg	參考IEC 62321-8 (2017), 以 氣相層析儀/質譜儀檢測. /	50	n. d.	n. d.	n. d.	1000
鄰苯二甲酸二異丁酯 / DIBP (Di- isobutyl phthalate) (CAS No.: 84- 69-5)	mg/kg	With reference to IEC 62321-8 (2017). Analysis was performed by GC/MS.	50	n. d.	n. d.	n. d.	1000
鄰苯二甲酸二 (2-乙基己基)酯 / DEHP (Di- (2-ethylhexyl) phthalate) (CAS No.: 117-81-7)	mg/kg		50	n. d.	n. d.	n. d.	1000

測試項目 (Test Items)	單位 (Unit)	测試方法 (Method)	方法偵測 極限值 (MDL)	結果 (Result) No.10	限值 (Limit)	
鐍 / Cadmium (Cd)	mg/kg	參考IEC 62321-5 (2013), 以 感應耦合電漿原子發射光譜儀 檢測. / With reference to IEC 62321-5 (2013) and performed by ICP-AES.	2	n. d.	100	ARDE
鉛 / Lead (Pb)	mg/kg	參考IEC 62321-5 (2013), 以 感應耦合電漿原子發射光譜儀 檢測. / With reference to IEC 62321-5 (2013) and performed by ICP-AES.	2	n. d.	1000	
汞 / Mercury (Hg)	mg/kg	參考IEC 62321-4 (2013), 以 感應耦合電漿原子發射光譜儀 檢測. / With reference to IEC 62321-4 (2013) and performed by ICP-AES.	2	n. d.	1000	al fail

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台灣化學纖維股份有限公司 FORMOSA CHEMICALS & FIBRE CORPORATION 台北市敦化北路201號 201, TUNG HWA N. ROAD, TAIPEI, TAIWAN, R. O. C.

測試項目 (Test Items)	單位 (Unit)	測試方法 (Method)	方法偵測 極限值	結果 (Result)	限值 (Limit)
(lest ltems)	(0111)	(Method)	(MDL)	No. 10	
六價鉻 / Hexavalent Chromium Cr(VI)	mg/kg	参考IEC 62321-7-2 (2017), 以UV-VIS檢測. / With reference to IEC 62321-7-2 (2017) and performed by UV-VIS.	8	n. d.	1000
多溴聯苯總和 / Sum of PBBs	mg/kg	and the second sec	- 21	n. d.	1000
一溴聯苯 / Monobromobiphenyl	mg/kg	Aller Corro	5	n. d.	-
二溴聯苯 / Dibromobiphenyl	mg/kg		5	n.d.	-
三溴聯苯 / Tribromobiphenyl	mg/kg		8 5	n.d.	- 6
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	on. d.	-
八溴聯苯 / Octabromobiphenyl	mg/kg	THE LOUID	5	n.d.	-
九溴聯苯 / Nonabromobiphenyl	mg/kg	参考IEC 62321-6 (2015),以	5	n. d.	-
十溴聯苯 / Decabromobiphenyl	mg/kg	氣相層析/質譜儀檢測. /	5	n.d.	
多溴聯苯醚總和 / Sum of PBDEs	mg/kg	With reference to IEC 62321-6 (2015) and		n.d.	1000
一溴聯苯醚 / Monobromodiphenyl ether	mg/kg	performed 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	ALL'S TO	5	n. d.	_
五溴聯苯醚 / Pentabromodiphenyl ether	mg/kg	Martin CO T	5	n. d.	-
六溴聯苯醚 / Hexabromodiphenyl ether	mg/kg	(On station	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.	0
九溴聯苯醚 / Nonabromodiphenyl ether	mg/kg		5	n. d.	a
十溴聯苯醚 / Decabromodiphenyl ether	mg/kg		5	n. d. 🔬	No.

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測試項目 (Test Items)	單位 (Unit)	測試方法 (Method)	方法偵測 極限值 (MDL)	結果 (Result) No.10	限值 (Limit)	
鄰苯二甲酸丁苯甲酯 / BBP(Butyl Benzyl phthalate)(CAS No.: 85-68- 7)	mg/kg	ESIGN CONTRACT	50	n. d.	1000	
鄰苯二甲酸二丁酯 / DBP (Dibutyl phthalate) (CAS No.: 84-74-2)	mg/kg	參考IEC 62321-8 (2017),以 氣相層析儀/質譜儀檢測. /	50	n. d.	1000	C
鄰苯二甲酸二異丁酯 / DIBP (Di- isobutyl phthalate) (CAS No.: 84- 69-5)		With reference to IEC 62321-8 (2017). Analysis was performed by GC/MS.	50	n. d.	1000	
鄰苯二甲酸二 (2-乙基己基)酯 / DEHP (Di- (2-ethylhexyl) phthalate) (CAS No.: 117-81-7)	mg/kg		50	n. d.	1000	ALECH

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)



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測試報告 號碼(No.): CE/2018/13319 頁數 (Page): 11 of 16 日期(Date): 2018/01/19 **Test Report** 台灣化學纖維股份有限公司 FORMOSA CHEMICALS & FIBRE CORPORATION 台北市敦化北路201號 201, TUNG HWA N. ROAD, TAIPEI, TAIWAN, R. O. C. 重金屬流程圖 / Analytical flow chart of Heavy Metal 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 exclude) 測試人員:王志瑋 / Technician: JR Wang 測試負責人:張啟興 / Supervisor: Troy Chang 剪裁、製備樣品 / Cutting、Preparation 測試樣品重量 / Sample Measurement 鉛 Pb/鍋 Cd/汞 Hg 六價鉻 Cr(VI) 用微波消解儀/電熱板進行酸消解 非金屬 / Non-metal 金屬 / Metal Acid digestion with microwave / hotplate ABS / PC / PVC 其他材質/Others 沸水萃取 / Boiling 過濾 / Filtration water extraction 在 150~160℃下 超音波溶解/ Dissolving by 消化 / Digesting ultrasonication at 150~160°C 冷卻後過濾樣品/ 溶液 / Solution 殘渣 / Residue Cool, filter digestate through 在60℃條件下超 取水層/ filter 鹼熔融法 / Alkali fusion 音波消化/ 1) Separating to get 鹽酸溶解 / HCI to dissolve Digesting at 60°C 2) aqueous phase by ultrasonication 加入發色劑顯色/ Add diphenylcarbazide for color development 感應耦合電漿原子發射光譜儀 / ICP-AES 調整 pH / pH adjustment 以 UV-VIS,量测樣 加入發色劑顯色 / Add diphenyl-品溶液在 540 nm carbazide for color development 的吸收度 / Measure the absorbance at 540 nm by UV-VIS 以 UV-VIS,量測樣品溶液在 540 nm 的吸收度 / Measure the absorbance

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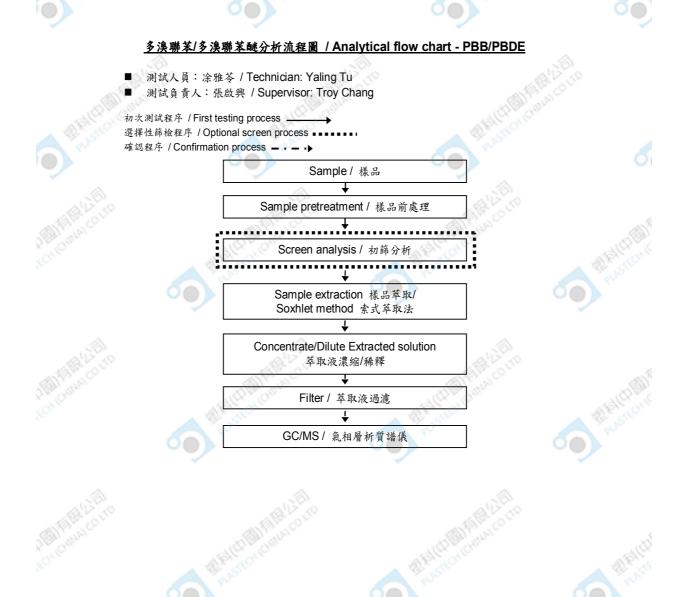
at 540 nm by UV-VIS



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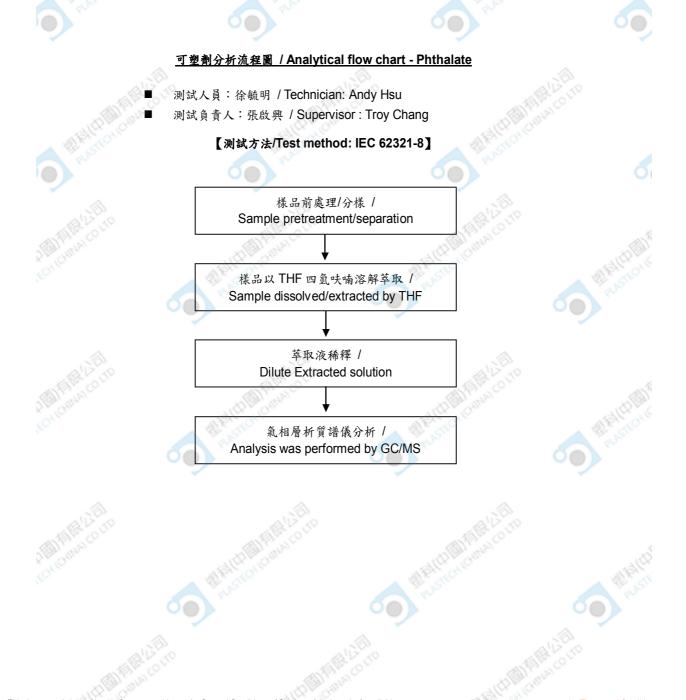
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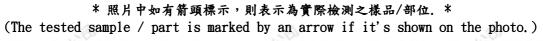
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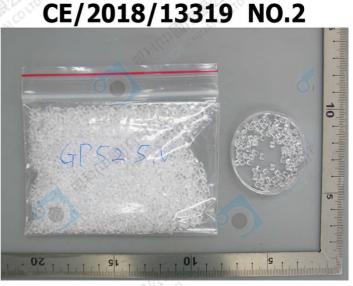
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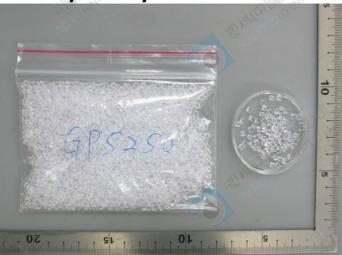
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測試報告 號碼(No.): CE/2018/13319 **Test Report**

台灣化學纖維股份有限公司 FORMOSA CHEMICALS & FIBRE CORPORATION 台北市敦化北路201號 201, TUNG HWA N. ROAD, TAIPEI, TAIWAN, R. O. C.

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