

Test Report

號碼(No.): ETR21106223M01 日期(Date): 01-Feb-2021

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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)

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 :

台灣化學纖維股份有限公司 (FORMOSA CHEMICALS & FIBRE CORPORATION)

樣品名稱(Sample Name)

ACRYLONITRILE/BUTADIENE/STYRENE COPOLYMERS (丙烯腈/丁二烯/苯乙烯共聚

合樹脂)

樣品型號(Style/Item No.)

TAIRILAC ABS AE8000, AE8200, AF3500, AF3530, AF3535, AF3537, AF3560, AF3600, AH2003, AG1000, AG100H, AG10NP, AG10NP-T, AG10NP-H, AG12A0, AG12A1, AG12A3, AG12AJ, AG15A0, AG15A1-H, AG15A2, AG15A3, AG15AM, AG15AP, AG15E0, AG15E1, AG15E3, AG15AB, AG15AJ,

AG15A3, AG15AM, AG15AP, AG15E0, AG15E1, AG15E3, AG15AB, AG15AJ, AG22AT, AG23AT, AG26AT, AG27AT, AX4000, AX4100, AX4300, AF353R

收件日(Sample Receiving Date):

15-Jan-2021 and 26-Jan-2021

測試期間(Testing Period)

15-Jan-2021 to 21-Jan-2021 and 26-Jan-2021 to 01-Feb-2021

測試需求(Test Requested:

依據客戶指定·參考RoHS 2011/65/EU Annex II及其修訂指令(EU) 2015/863測試鎘、鉛、汞、六價鉻、多溴聯苯、多溴聯苯醚, DBP, BBP, DEHP, DIBP。 (As specified by client, with reference to RoHS 2011/65/EU Annex II and amending Directive (EU) 2015/863 to determine Cadmium, Lead, Mercury, Cr(VI), PBBs, PBDEs, DBP, BBP,

DEHP, DIBP contents in the submitted sample(s).)

測試結果(Test Results)

請參閱下一頁 (Please refer to following pages.)

根據客戶所提供的樣品,其編、鉛、汞、六價鉻、多溴聯苯、多溴聯苯醚, DBP, BBP, DEHP, DIBP的測試結果符合RoHS 2011/65/EU Annex II暨其修訂指令(EU) 2015/863 之限值要求。 (Based on the performed tests on submitted sample(s), the test results of Cadmium, Lead, Mercury, Cr(VI), PBBs, PBDEs, DBP, BBP, DEHP, DIBP comply with the limits as set by RoHS Directive (EU) 2015/863 amending Annex II

to Directive 2011/65/EU.)

Troy Chang Manage Te h SGS
Signed for and on behalf of SGS TAIWAN LTD.
Chemical Laboratory - Taipei



PIN CODE: F7CDA791



No.1

No.24 No.25

No.26

No.27 No.28

No.29

No.30

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: 米色塑膠粒 (TAIRILAC ABS AE8000) (BEIGE PLASTIC PELLETS (TAIRILAC ABS AE8000)) - ETR21106223 No.1

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測試部位敘述 (Test Part Description)

140.1	•	州 占主 ip in (TAINLE A D 3 A LOUGO) (BLIGHT LASTICT LELLETS (TAINLE A C 7 D 3 A LOUGO)) LT N LT TO LT
No.2	:	米色塑膠粒 (TAIRILAC ABS AE8200) (BEIGE PLASTIC PELLETS (TAIRILAC ABS AE8200)) - ETR21106223 No.2
No.3	:	米色塑膠粒 (TAIRILAC ABS AF3500) (BEIGE PLASTIC PELLETS (TAIRILAC ABS AF3500)) - ETR21106223 No.3
No.4	:	米色塑膠粒 (TAIRILAC ABS AF3530) (BEIGE PLASTIC PELLETS (TAIRILAC ABS AF3530)) - ETR21106223 No.4
No.5	:	米色塑膠粒 (TAIRILAC ABS AF3535) (BEIGE PLASTIC PELLETS (TAIRILAC ABS AF3535)) - ETR21106223 No.5
No.6	:	米色塑膠粒 (TAIRILAC ABS AF3537) (BEIGE PLASTIC PELLETS (TAIRILAC ABS AF3537)) - ETR21106223 No.6
No.7	:	米色塑膠粒 (TAIRILAC ABS AF3560) (BEIGE PLASTIC PELLETS (TAIRILAC ABS AF3560)) - ETR21106223 No.7
No.8	:	米色塑膠粒 (TAIRILAC ABS AF3600) (BEIGE PLASTIC PELLETS (TAIRILAC ABS AF3600)) - ETR21106223 No.8
No.9	:	米色塑膠粒 (TAIRILAC ABS AH2003) (BEIGE PLASTIC PELLETS (TAIRILAC ABS AH2003)) - ETR21106223 No.9
No.10	:	米色塑膠粒 (TAIRILAC ABS AG1000) (BEIGE PLASTIC PELLETS (TAIRILAC ABS AG1000)) - ETR21106223 No.10
No.11	:	米色塑膠粒 (TAIRILAC ABS AG100H) (BEIGE PLASTIC PELLETS (TAIRILAC ABS AG100H)) - ETR21106223 No.11
No.12	:	米色塑膠粒 (TAIRILAC ABS AG10NP) (BEIGE PLASTIC PELLETS (TAIRILAC ABS AG10NP)) - ETR21106223 No.12
No.13	:	米色塑膠粒 (TAIRILAC ABS AG10NP-T) (BEIGE PLASTIC PELLETS (TAIRILAC ABS AG10NP-T)) - ETR21106223 No.13
No.14	:	米色塑膠粒 (TAIRILAC ABS AG10NP-H) (BEIGE PLASTIC PELLETS (TAIRILAC ABS AG10NP-H)) - ETR21106223 No.14
No.15	:	米色塑膠粒 (TAIRILAC ABS AG12A0) (BEIGE PLASTIC PELLETS (TAIRILAC ABS AG12A0)) - ETR21106223 No.15
No.16	:	米色塑膠粒 (TAIRILAC ABS AG12A1) (BEIGE PLASTIC PELLETS (TAIRILAC ABS AG12A1)) - ETR21106223 No.16
No.17	:	米色塑膠粒 (TAIRILAC ABS AG12A3) (BEIGE PLASTIC PELLETS (TAIRILAC ABS AG12A3)) - ETR21106223 No.17
No.18	:	黑色塑膠粒 (TAIRILAC ABS AG12AJ) (BLACK PLASTIC PELLETS (TAIRILAC ABS AG12AJ)) - ETR21106223 No.18
No.19	:	米色塑膠粒 (TAIRILAC ABS AG15A0) (BEIGE PLASTIC PELLETS (TAIRILAC ABS AG15A0)) - ETR21106223 No.19
No.20	:	黑色塑膠粒 (BLACK PLASTIC PELLETS) - ETR21103644 No.1
No.21	:	米色塑膠粒 (TAIRILAC ABS AG15A1-H) (BEIGE PLASTIC PELLETS (TAIRILAC ABS AG15A1-H)) - ETR21106223 No.21
No.22	:	米色塑膠粒 (TAIRILAC ABS AG15A2) (BEIGE PLASTIC PELLETS (TAIRILAC ABS AG15A2)) - ETR21106223 No.22
No.23	:	米色塑膠粒 (TAIRILAC ABS AG15A3) (BEIGE PLASTIC PELLETS (TAIRILAC ABS AG15A3)) - ETR21106223 No.23

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米色塑膠粒 (TAIRILAC ABS AG15AM) (BEIGE PLASTIC PELLETS (TAIRILAC ABS AG15AM)) - ETR21106223 No.24

米色塑膠粒 (TAIRILAC ABS AG15AP) (BEIGE PLASTIC PELLETS (TAIRILAC ABS AG15AP)) - ETR21106223 No.25

米色塑膠粒 (TAIRILAC ABS AG15E0) (BEIGE PLASTIC PELLETS (TAIRILAC ABS AG15E0)) - ETR21106223 No.26 米色塑膠粒 (TAIRILAC ABS AG15E1) (BEIGE PLASTIC PELLETS (TAIRILAC ABS AG15E1)) - ETR21106223 No.27

米色塑膠粒 (TAIRILAC ABS AG15E3) (BEIGE PLASTIC PELLETS (TAIRILAC ABS AG15E3)) - ETR21106223 No.28

黑色塑膠粒 (TAIRILAC ABS AG15AB) (BLACK PLASTIC PELLETS (TAIRILAC ABS AG15AB)) - ETR21106223 No.29

黑色塑膠粒 (TAIRILAC ABS AG15AJ) (BLACK PLASTIC PELLETS (TAIRILAC ABS AG15AJ)) - ETR21106223 No.30



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No.31 : 米色塑膠粒 (TAIRILAC ABS AG22AT) (BEIGE PLASTIC PELLETS (TAIRILAC ABS AG22AT)) - ETR21106223 No.31 No.32 : 米色塑膠粒 (TAIRILAC ABS AG23AT) (BEIGE PLASTIC PELLETS (TAIRILAC ABS AG23AT)) - ETR21106223 No.32 No.33 : 米色塑膠粒 (TAIRILAC ABS AG26AT) (BEIGE PLASTIC PELLETS (TAIRILAC ABS AG26AT)) - ETR21106223 No.33 No.34 : 米色塑膠粒 (TAIRILAC ABS AG27AT) (BEIGE PLASTIC PELLETS (TAIRILAC ABS AG27AT)) - ETR21106223 No.34 No.35 : 米色塑膠粒 (TAIRILAC ABS AX4000) (BEIGE PLASTIC PELLETS (TAIRILAC ABS AX4000)) - ETR21106223 No.35 No.36 : 米色塑膠粒 (TAIRILAC ABS AX4100) (BEIGE PLASTIC PELLETS (TAIRILAC ABS AX4100)) - ETR21106223 No.36 No.37 : 米色塑膠粒 (TAIRILAC ABS AX4300) (BEIGE PLASTIC PELLETS (TAIRILAC ABS AX4300)) - ETR21106223 No.37

測試結果 (Test Results)

測試項目 (Test Items)	測試方法 (Method)	單位 (Unit)	MDL			限值 (Limit)	
				No.1	No.2	No.3	
鎘 (Cd) (Cadmium (Cd)) (CAS No.: 7440-43-9)	參考IEC 62321-5: 2013 · 以感應耦合 電漿發射光譜儀分析。(With reference	mg/kg	2	n.d.	n.d.	n.d.	100
鉛 (Pb) (Lead (Pb)) (CAS No.: 7439- 92-1)	to IEC 62321-5: 2013, analysis was performed by ICP-OES.)	mg/kg	2	n.d.	n.d.	n.d.	1000
汞 (Hg) (Mercury (Hg)) (CAS No.: 7439-97-6)	參考IEC 62321-4: 2013 + AMD1: 2017 ·以感應耦合電漿發射光譜儀分析。 (With reference to IEC 62321-4: 2013 + AMD1: 2017, analysis was performed by ICP-OES.)	mg/kg	2	n.d.	n.d.	n.d.	1000
六價鉻 Cr(VI) (Hexavalent Chromium Cr(VI)) (CAS No.: 18540-29-9)	參考IEC 62321-7-2: 2017·以紫外光-可見光分光光度計分析。(With reference to IEC 62321-7-2: 2017, analysis was performed by UV-VIS.)	mg/kg	8	n.d.	n.d.	n.d.	1000



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測試項目	測試方法	單位	MDL	結果			限值
(Test Items)	(Method)	(Unit)			(Result)		(Limit)
				No.1	No.2	No.3	
一溴聯苯 (Monobromobiphenyl)		mg/kg	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	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	5	n.d.	n.d.	n.d.	-
九溴聯苯 (Nonabromobiphenyl)		mg/kg	5	n.d.	n.d.	n.d.	-
十溴聯苯 (Decabromobiphenyl)	參考IEC 62321-6: 2015 · 以氣相層析	mg/kg	5	n.d.	n.d.	n.d.	-
多溴聯苯總和 (Sum of PBBs)	儀/質譜儀分析。(With reference to	mg/kg	ı	n.d.	n.d.	n.d.	1000
一溴聯苯醚 (Monobromodiphenyl ether)	IEC 62321-6: 2015, analysis was	mg/kg	5	n.d.	n.d.	n.d.	-
二溴聯苯醚 (Dibromodiphenyl ether)	performed by GC/MS.)	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	5	n.d.	n.d.	n.d.	-
五溴聯苯醚 (Pentabromodiphenyl ether)		mg/kg	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	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.	-
多溴聯苯醚總和 (Sum of PBDEs)		mg/kg	-	n.d.	n.d.	n.d.	1000



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測試項目 (Test Items)	測試方法 (Method)	單位 (Unit)	MDL	結果 (Result)		限值 (Limit)	
				No.1	No.2	No.3	
鄰苯二甲酸丁苯甲酯 (BBP) (Butyl benzyl phthalate (BBP)) (CAS No.: 85- 68-7)	參考IEC 62321-8: 2017·以氣相層析 儀/質譜儀分析。(With reference to IEC 62321-8: 2017, analysis was performed by GC/MS.)	mg/kg	50	n.d.	n.d.	n.d.	1000
鄰苯二甲酸二丁酯 (DBP) (Dibutyl phthalate (DBP)) (CAS No.: 84-74-2)	參考IEC 62321-8: 2017·以氣相層析 儀/質譜儀分析。(With reference to IEC 62321-8: 2017, analysis was performed by GC/MS.)	mg/kg	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 (DEHP)) (CAS No.: 117-81-7)	參考IEC 62321-8: 2017·以氣相層析 儀/質譜儀分析。(With reference to IEC 62321-8: 2017, analysis was performed by GC/MS.)	mg/kg	50	n.d.	n.d.	n.d.	1000
鄰苯二甲酸二異丁酯 (DIBP) (Diisobutyl phthalate (DIBP)) (CAS No.: 84-69-5)	參考IEC 62321-8: 2017·以氣相層析 儀/質譜儀分析。(With reference to IEC 62321-8: 2017, analysis was performed by GC/MS.)	mg/kg	50	n.d.	n.d.	n.d.	1000

測試項目 (Test Items)	測試方法 (Method)	單位 (Unit)	MDL	結果 (Result)		限值 (Limit)	
				No.4	No.5	No.6	
鎘 (Cd) (Cadmium (Cd)) (CAS No.: 7440-43-9)	參考IEC 62321-5: 2013·以感應耦合 電漿發射光譜儀分析。(With reference	mg/kg	2	n.d.	n.d.	n.d.	100
鉛 (Pb) (Lead (Pb)) (CAS No.: 7439- 92-1)	to IEC 62321-5: 2013, analysis was performed by ICP-OES.)	mg/kg	2	n.d.	n.d.	n.d.	1000
汞 (Hg) (Mercury (Hg)) (CAS No.: 7439-97-6)	參考IEC 62321-4: 2013 + AMD1: 2017 ·以感應耦合電漿發射光譜儀分析。 (With reference to IEC 62321-4: 2013 + AMD1: 2017, analysis was performed by ICP-OES.)	mg/kg	2	n.d.	n.d.	n.d.	1000
六價鉻 Cr(VI) (Hexavalent Chromium Cr(VI)) (CAS No.: 18540-29-9)	參考IEC 62321-7-2: 2017·以紫外光-可見光分光光度計分析。(With reference to IEC 62321-7-2: 2017, analysis was performed by UV-VIS.)	mg/kg	8	n.d.	n.d.	n.d.	1000



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測試項目	測試方法	單位	MDL	結果			限值
(Test Items)	(Method)	(Unit)			(Result)		(Limit)
				No.4	No.5	No.6	
一溴聯苯 (Monobromobiphenyl)		mg/kg	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	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	5	n.d.	n.d.	n.d.	-
九溴聯苯 (Nonabromobiphenyl)		mg/kg	5	n.d.	n.d.	n.d.	-
十溴聯苯 (Decabromobiphenyl)	參考IEC 62321-6: 2015 · 以氣相層析	mg/kg	5	n.d.	n.d.	n.d.	-
多溴聯苯總和 (Sum of PBBs)	儀/質譜儀分析。(With reference to	mg/kg	ı	n.d.	n.d.	n.d.	1000
一溴聯苯醚 (Monobromodiphenyl ether)	IEC 62321-6: 2015, analysis was	mg/kg	5	n.d.	n.d.	n.d.	-
二溴聯苯醚 (Dibromodiphenyl ether)	performed by GC/MS.)	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	5	n.d.	n.d.	n.d.	-
五溴聯苯醚 (Pentabromodiphenyl ether)		mg/kg	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	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.	-
多溴聯苯醚總和 (Sum of PBDEs)		mg/kg	-	n.d.	n.d.	n.d.	1000



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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)

測試項目 (Test Items)	測試方法 (Method)	單位 (Unit)	MDL	結果 (Result)		限值 (Limit)	
鄰苯二甲酸丁苯甲酯 (BBP) (Butyl benzyl phthalate (BBP)) (CAS No.: 85- 68-7)	參考IEC 62321-8: 2017·以氣相層析 儀/質譜儀分析。(With reference to IEC 62321-8: 2017, analysis was performed by GC/MS.)	mg/kg	50	No.4 n.d.	No.5 n.d.	No.6 n.d.	1000
鄰苯二甲酸二丁酯 (DBP) (Dibutyl phthalate (DBP)) (CAS No.: 84-74-2)	參考IEC 62321-8: 2017·以氣相層析 儀/質譜儀分析。(With reference to IEC 62321-8: 2017, analysis was performed by GC/MS.)	mg/kg	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 (DEHP)) (CAS No.: 117-81-7)	參考IEC 62321-8: 2017·以氣相層析 儀/質譜儀分析。(With reference to IEC 62321-8: 2017, analysis was performed by GC/MS.)	mg/kg	50	n.d.	n.d.	n.d.	1000
鄰苯二甲酸二異丁酯 (DIBP) (Diisobutyl phthalate (DIBP)) (CAS No.: 84-69-5)	參考IEC 62321-8: 2017·以氣相層析 儀/質譜儀分析。(With reference to IEC 62321-8: 2017, analysis was performed by GC/MS.)	mg/kg	50	n.d.	n.d.	n.d.	1000

測試項目 (Test Items)	測試方法 (Method)	單位 (Unit)	MDL		l	限值 (Limit)	
				No.7	No.8	No.9	
鎘 (Cd) (Cadmium (Cd)) (CAS No.: 7440-43-9)	參考IEC 62321-5: 2013·以感應耦合 電漿發射光譜儀分析。(With reference	mg/kg	2	n.d.	n.d.	n.d.	100
鉛 (Pb) (Lead (Pb)) (CAS No.: 7439- 92-1)	to IEC 62321-5: 2013, analysis was performed by ICP-OES.)	mg/kg	2	n.d.	n.d.	n.d.	1000
汞 (Hg) (Mercury (Hg)) (CAS No.: 7439-97-6)	參考IEC 62321-4: 2013 + AMD1: 2017 ·以感應耦合電漿發射光譜儀分析。 (With reference to IEC 62321-4: 2013 + AMD1: 2017, analysis was performed by ICP-OES.)	mg/kg	2	n.d.	n.d.	n.d.	1000
六價鉻 Cr(VI) (Hexavalent Chromium Cr(VI)) (CAS No.: 18540-29-9)	參考IEC 62321-7-2: 2017·以紫外光-可見光分光光度計分析。(With reference to IEC 62321-7-2: 2017, analysis was performed by UV-VIS.)	mg/kg	8	n.d.	n.d.	n.d.	1000

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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)

測試項目	測試方法	單位	MDL	結果			限值
(Test Items)	(Method)	(Unit)			(Result)		(Limit)
				No.7	No.8	No.9	
一溴聯苯 (Monobromobiphenyl)		mg/kg	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	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	5	n.d.	n.d.	n.d.	-
九溴聯苯 (Nonabromobiphenyl)		mg/kg	5	n.d.	n.d.	n.d.	-
十溴聯苯 (Decabromobiphenyl)	參考IEC 62321-6: 2015 · 以氣相層析	mg/kg	5	n.d.	n.d.	n.d.	-
多溴聯苯總和 (Sum of PBBs)	儀/質譜儀分析。(With reference to	mg/kg	ı	n.d.	n.d.	n.d.	1000
一溴聯苯醚 (Monobromodiphenyl ether)	IEC 62321-6: 2015, analysis was	mg/kg	5	n.d.	n.d.	n.d.	-
二溴聯苯醚 (Dibromodiphenyl ether)	performed by GC/MS.)	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	5	n.d.	n.d.	n.d.	-
五溴聯苯醚 (Pentabromodiphenyl ether)		mg/kg	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	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.	-
多溴聯苯醚總和 (Sum of PBDEs)		mg/kg	-	n.d.	n.d.	n.d.	1000



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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)

測試項目 (Test Items)	測試方法 (Method)	單位 (Unit)	MDL	結果 (Result)		限值 (Limit)	
				No.7	No.8	No.9	
鄰苯二甲酸丁苯甲酯 (BBP) (Butyl benzyl phthalate (BBP)) (CAS No.: 85- 68-7)	參考IEC 62321-8: 2017·以氣相層析 儀/質譜儀分析。(With reference to IEC 62321-8: 2017, analysis was performed by GC/MS.)	mg/kg	50	n.d.	n.d.	n.d.	1000
鄰苯二甲酸二丁酯 (DBP) (Dibutyl phthalate (DBP)) (CAS No.: 84-74-2)	參考IEC 62321-8: 2017·以氣相層析 儀/質譜儀分析。(With reference to IEC 62321-8: 2017, analysis was performed by GC/MS.)	mg/kg	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 (DEHP)) (CAS No.: 117-81-7)	參考IEC 62321-8: 2017·以氣相層析 儀/質譜儀分析。(With reference to IEC 62321-8: 2017, analysis was performed by GC/MS.)	mg/kg	50	n.d.	n.d.	n.d.	1000
鄰苯二甲酸二異丁酯 (DIBP) (Diisobutyl phthalate (DIBP)) (CAS No.: 84-69-5)	參考IEC 62321-8: 2017·以氣相層析 儀/質譜儀分析。(With reference to IEC 62321-8: 2017, analysis was performed by GC/MS.)	mg/kg	50	n.d.	n.d.	n.d.	1000

測試項目 (Test Items)	測試方法 (Method)	單位 (Unit)	MDL	IDL 結果 (Result)			限值 (Limit)
				No.10	No.11	No.12	
鎘 (Cd) (Cadmium (Cd)) (CAS No.: 7440-43-9)	參考IEC 62321-5: 2013·以感應耦合 電漿發射光譜儀分析。(With reference	mg/kg	2	n.d.	n.d.	n.d.	100
鉛 (Pb) (Lead (Pb)) (CAS No.: 7439- 92-1)	· · · · · · · · · · · · · · · · · · ·	mg/kg	2	n.d.	n.d.	n.d.	1000
汞 (Hg) (Mercury (Hg)) (CAS No.: 7439-97-6)	參考IEC 62321-4: 2013 + AMD1: 2017 ·以感應耦合電漿發射光譜儀分析。 (With reference to IEC 62321-4: 2013 + AMD1: 2017, analysis was performed by ICP-OES.)	mg/kg	2	n.d.	n.d.	n.d.	1000
六價鉻 Cr(VI) (Hexavalent Chromium Cr(VI)) (CAS No.: 18540-29-9)	參考IEC 62321-7-2: 2017·以紫外光-可見光分光光度計分析。(With reference to IEC 62321-7-2: 2017, analysis was performed by UV-VIS.)	mg/kg	8	n.d.	n.d.	n.d.	1000

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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)

測試項目	測試方法	單位	MDL		結果		限值
(Test Items)	(Method)	(Unit)			(Result)		(Limit)
				No.10	No.11	No.12	
一溴聯苯 (Monobromobiphenyl)		mg/kg	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	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	5	n.d.	n.d.	n.d.	-
九溴聯苯 (Nonabromobiphenyl)		mg/kg	5	n.d.	n.d.	n.d.	-
十溴聯苯 (Decabromobiphenyl)	参考IEC 62321-6: 2015,以氣相層析	mg/kg	5	n.d.	n.d.	n.d.	-
多溴聯苯總和 (Sum of PBBs)	儀/質譜儀分析。(With reference to	mg/kg	-	n.d.	n.d.	n.d.	1000
一溴聯苯醚 (Monobromodiphenyl ether)	IEC 62321-6: 2015, analysis was	mg/kg	5	n.d.	n.d.	n.d.	-
二溴聯苯醚 (Dibromodiphenyl ether)	performed by GC/MS.)	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	5	n.d.	n.d.	n.d.	-
五溴聯苯醚 (Pentabromodiphenyl ether)		mg/kg	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	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.	-
多溴聯苯醚總和 (Sum of PBDEs)		mg/kg	-	n.d.	n.d.	n.d.	1000



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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)

測試項目 (Test Items)	測試方法 (Method)	單位 (Unit)	MDL		結果 (Result)		限值 (Limit)
				No.10	No.11	No.12	
鄰苯二甲酸丁苯甲酯 (BBP) (Butyl benzyl phthalate (BBP)) (CAS No.: 85- 68-7)	參考IEC 62321-8: 2017·以氣相層析 儀/質譜儀分析。(With reference to IEC 62321-8: 2017, analysis was performed by GC/MS.)	mg/kg	50	n.d.	n.d.	n.d.	1000
鄰苯二甲酸二丁酯 (DBP) (Dibutyl phthalate (DBP)) (CAS No.: 84-74-2)	參考IEC 62321-8: 2017·以氣相層析 儀/質譜儀分析。(With reference to IEC 62321-8: 2017, analysis was performed by GC/MS.)	mg/kg	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 (DEHP)) (CAS No.: 117-81-7)	參考IEC 62321-8: 2017·以氣相層析 儀/質譜儀分析。(With reference to IEC 62321-8: 2017, analysis was performed by GC/MS.)	mg/kg	50	n.d.	n.d.	n.d.	1000
鄰苯二甲酸二異丁酯 (DIBP) (Diisobutyl phthalate (DIBP)) (CAS No.: 84-69-5)	參考IEC 62321-8: 2017·以氣相層析 儀/質譜儀分析。(With reference to IEC 62321-8: 2017, analysis was performed by GC/MS.)	mg/kg	50	n.d.	n.d.	n.d.	1000

測試項目 (Test Items)	測試方法 (Method)	單位 (Unit)	MDL		結果 (Result)		
				No.13	No.14	No.15	
鎘 (Cd) (Cadmium (Cd)) (CAS No.: 7440-43-9)	參考IEC 62321-5: 2013·以感應耦合 電漿發射光譜儀分析。(With reference	mg/kg	2	n.d.	n.d.	n.d.	100
鉛 (Pb) (Lead (Pb)) (CAS No.: 7439- 92-1)	to IEC 62321-5: 2013, analysis was performed by ICP-OES.)	mg/kg	2	n.d.	n.d.	n.d.	1000
汞 (Hg) (Mercury (Hg)) (CAS No.: 7439-97-6)	參考IEC 62321-4: 2013 + AMD1: 2017 ·以感應耦合電漿發射光譜儀分析。 (With reference to IEC 62321-4: 2013 + AMD1: 2017, analysis was performed by ICP-OES.)	mg/kg	2	n.d.	n.d.	n.d.	1000
六價鉻 Cr(VI) (Hexavalent Chromium Cr(VI)) (CAS No.: 18540-29-9)	參考IEC 62321-7-2: 2017·以紫外光-可見光分光光度計分析。(With reference to IEC 62321-7-2: 2017, analysis was performed by UV-VIS.)	mg/kg	8	n.d.	n.d.	n.d.	1000



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測試項目	測試方法	單位	MDL		結果		限值
(Test Items)	(Method)	(Unit)			(Result)		(Limit)
				No.13	No.14	No.15	
一溴聯苯 (Monobromobiphenyl)		mg/kg	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	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	5	n.d.	n.d.	n.d.	-
九溴聯苯 (Nonabromobiphenyl)		mg/kg	5	n.d.	n.d.	n.d.	-
十溴聯苯 (Decabromobiphenyl)	參考IEC 62321-6: 2015·以氣相層析	mg/kg	5	n.d.	n.d.	n.d.	-
多溴聯苯總和 (Sum of PBBs)	儀/質譜儀分析。(With reference to	mg/kg	-	n.d.	n.d.	n.d.	1000
一溴聯苯醚 (Monobromodiphenyl ether)	IEC 62321-6: 2015, analysis was	mg/kg	5	n.d.	n.d.	n.d.	-
二溴聯苯醚 (Dibromodiphenyl ether)	performed by GC/MS.)	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	5	n.d.	n.d.	n.d.	-
五溴聯苯醚 (Pentabromodiphenyl ether)		mg/kg	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	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.	-
多溴聯苯醚總和 (Sum of PBDEs)		mg/kg	-	n.d.	n.d.	n.d.	1000



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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)

測試項目 (Test Items)	測試方法 (Method)	單位 (Unit)	MDL		結果 (Result)		限值 (Limit)
				No.13	No.14	No.15	
鄰苯二甲酸丁苯甲酯 (BBP) (Butyl benzyl phthalate (BBP)) (CAS No.: 85- 68-7)	參考IEC 62321-8: 2017·以氣相層析 儀/質譜儀分析。(With reference to IEC 62321-8: 2017, analysis was performed by GC/MS.)	mg/kg	50	n.d.	n.d.	n.d.	1000
鄰苯二甲酸二丁酯 (DBP) (Dibutyl phthalate (DBP)) (CAS No.: 84-74-2)	參考IEC 62321-8: 2017·以氣相層析 儀/質譜儀分析。(With reference to IEC 62321-8: 2017, analysis was performed by GC/MS.)	mg/kg	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 (DEHP)) (CAS No.: 117-81-7)	參考IEC 62321-8: 2017·以氣相層析 儀/質譜儀分析。(With reference to IEC 62321-8: 2017, analysis was performed by GC/MS.)	mg/kg	50	n.d.	n.d.	n.d.	1000
鄰苯二甲酸二異丁酯 (DIBP) (Diisobutyl phthalate (DIBP)) (CAS No.: 84-69-5)	參考IEC 62321-8: 2017·以氣相層析 儀/質譜儀分析。(With reference to IEC 62321-8: 2017, analysis was performed by GC/MS.)	mg/kg	50	n.d.	n.d.	n.d.	1000

測試項目 (Test Items)	測試方法 (Method)	單位 (Unit)	MDL		結果 (Result)		
				No.16	No.17	No.18	
鎘 (Cd) (Cadmium (Cd)) (CAS No.: 7440-43-9)	參考IEC 62321-5: 2013·以感應耦合 電漿發射光譜儀分析。(With reference	mg/kg	2	n.d.	n.d.	n.d.	100
鉛 (Pb) (Lead (Pb)) (CAS No.: 7439- 92-1)	to IEC 62321-5: 2013, analysis was performed by ICP-OES.)	mg/kg	2	n.d.	n.d.	n.d.	1000
汞 (Hg) (Mercury (Hg)) (CAS No.: 7439-97-6)	參考IEC 62321-4: 2013+ AMD1: 2017 · 以感應耦合電漿發射光譜儀分析。 (With reference to IEC 62321-4: 2013+ AMD1: 2017, analysis was	mg/kg	2	n.d.	n.d.	n.d.	1000
六價鉻 Cr(VI) (Hexavalent Chromium Cr(VI)) (CAS No.: 18540-29-9)	參考IEC 62321-7-2: 2017·以紫外光-可見光分光光度計分析。(With reference to IEC 62321-7-2: 2017, analysis was performed by UV-VIS.)	mg/kg	8	n.d.	n.d.	n.d.	1000



Test Report

號碼(No.): ETR21106223M01 日期(Date): 01-Feb-2021

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)

測試項目	測試方法	單位	MDL		結果		限值
(Test Items)	(Method)	(Unit)			(Result)		(Limit)
				No.16	No.17	No.18	
一溴聯苯 (Monobromobiphenyl)		mg/kg	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	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	5	n.d.	n.d.	n.d.	-
九溴聯苯 (Nonabromobiphenyl)		mg/kg	5	n.d.	n.d.	n.d.	-
十溴聯苯 (Decabromobiphenyl)	參考IEC 62321-6: 2015·以氣相層析	mg/kg	5	n.d.	n.d.	n.d.	-
多溴聯苯總和 (Sum of PBBs)	儀/質譜儀分析。(With reference to	mg/kg	-	n.d.	n.d.	n.d.	1000
一溴聯苯醚 (Monobromodiphenyl ether)	IEC 62321-6: 2015, analysis was	mg/kg	5	n.d.	n.d.	n.d.	-
二溴聯苯醚 (Dibromodiphenyl ether)	performed by GC/MS.)	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	5	n.d.	n.d.	n.d.	-
五溴聯苯醚 (Pentabromodiphenyl ether)		mg/kg	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	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.	-
多溴聯苯醚總和 (Sum of PBDEs)		mg/kg	-	n.d.	n.d.	n.d.	1000

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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)

測試項目 (Test Items)	測試方法 (Method)	單位 (Unit)	MDL		結果 (Result)		限值 (Limit)
(rest items)	(Method)	(OIIII)			• •		(LIIIIII)
鄰苯二甲酸丁苯甲酯 (BBP) (Butyl benzyl phthalate (BBP)) (CAS No.: 85- 68-7)	參考IEC 62321-8: 2017·以氣相層析 儀/質譜儀分析。(With reference to IEC 62321-8: 2017, analysis was performed by GC/MS.)	mg/kg	50	n.d.	n.d.	n.d.	1000
鄰苯二甲酸二丁酯 (DBP) (Dibutyl phthalate (DBP)) (CAS No.: 84-74-2)	參考IEC 62321-8: 2017·以氣相層析 儀/質譜儀分析。(With reference to IEC 62321-8: 2017, analysis was performed by GC/MS.)	mg/kg	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 (DEHP)) (CAS No.: 117-81-7)	參考IEC 62321-8: 2017·以氣相層析 儀/質譜儀分析。(With reference to IEC 62321-8: 2017, analysis was performed by GC/MS.)	mg/kg	50	n.d.	n.d.	n.d.	1000
鄰苯二甲酸二異丁酯 (DIBP) (Diisobutyl phthalate (DIBP)) (CAS No.: 84-69-5)	參考IEC 62321-8: 2017·以氣相層析 儀/質譜儀分析。(With reference to IEC 62321-8: 2017, analysis was performed by GC/MS.)	mg/kg	50	n.d.	n.d.	n.d.	1000

測試項目 (Test Items)	測試方法 (Method)	單位 (Unit)	MDL		結果 (Result)		限值 (Limit)
				No.19	No.20	No.21	
鎘 (Cd) (Cadmium (Cd)) (CAS No.: 7440-43-9)	參考IEC 62321-5: 2013·以感應耦合 電漿發射光譜儀分析。(With reference	mg/kg	2	n.d.	2.28	n.d.	100
鉛 (Pb) (Lead (Pb)) (CAS No.: 7439- 92-1)	to IEC 62321-5: 2013, analysis was performed by ICP-OES.)	mg/kg	2	n.d.	4.18	n.d.	1000
汞 (Hg) (Mercury (Hg)) (CAS No.: 7439-97-6)	參考IEC 62321-4: 2013 + AMD1: 2017 ·以感應耦合電漿發射光譜儀分析。 (With reference to IEC 62321-4: 2013 + AMD1: 2017, analysis was performed by ICP-OES.)	mg/kg	2	n.d.	n.d.	n.d.	1000
六價鉻 Cr(VI) (Hexavalent Chromium Cr(VI)) (CAS No.: 18540-29-9)	參考IEC 62321-7-2: 2017·以紫外光-可見光分光光度計分析。(With reference to IEC 62321-7-2: 2017, analysis was performed by UV-VIS.)	mg/kg	8	n.d.	n.d.	n.d.	1000



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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)

測試項目	測試方法	單位	MDL		結果		限值
(Test Items)	(Method)	(Unit)			(Result)		(Limit)
				No.19	No.20	No.21	
一溴聯苯 (Monobromobiphenyl)		mg/kg	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	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	5	n.d.	n.d.	n.d.	-
九溴聯苯 (Nonabromobiphenyl)		mg/kg	5	n.d.	n.d.	n.d.	-
十溴聯苯 (Decabromobiphenyl)	參考IEC 62321-6: 2015 · 以氣相層析	mg/kg	5	n.d.	n.d.	n.d.	-
多溴聯苯總和 (Sum of PBBs)	儀/質譜儀分析。(With reference to	mg/kg	ı	n.d.	n.d.	n.d.	1000
一溴聯苯醚 (Monobromodiphenyl ether)	IEC 62321-6: 2015, analysis was	mg/kg	5	n.d.	n.d.	n.d.	-
二溴聯苯醚 (Dibromodiphenyl ether)	performed by GC/MS.)	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	5	n.d.	n.d.	n.d.	-
五溴聯苯醚 (Pentabromodiphenyl ether)		mg/kg	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	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.	7.70	n.d.	-
多溴聯苯醚總和 (Sum of PBDEs)		mg/kg	-	n.d.	7.70	n.d.	1000

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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)

測試項目	測試方法	單位	MDL		結果		限值
(Test Items)	(Method)	(Unit)			(Result)		(Limit)
				No.19	No.20	No.21	
鄰苯二甲酸丁苯甲酯 (BBP) (Butyl benzyl phthalate (BBP)) (CAS No.: 85- 68-7)	參考IEC 62321-8: 2017·以氣相層析儀/質譜儀分析。(With reference to IEC 62321-8: 2017, analysis was performed by GC/MS.)	mg/kg	50	n.d.	n.d.	n.d.	1000
鄰苯二甲酸二丁酯 (DBP) (Dibutyl phthalate (DBP)) (CAS No.: 84-74-2)	參考IEC 62321-8: 2017·以氣相層析 儀/質譜儀分析。(With reference to IEC 62321-8: 2017, analysis was performed by GC/MS.)	mg/kg	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 (DEHP)) (CAS No.: 117-81-7)	參考IEC 62321-8: 2017·以氣相層析 儀/質譜儀分析。(With reference to IEC 62321-8: 2017, analysis was performed by GC/MS.)	mg/kg	50	n.d.	n.d.	n.d.	1000
鄰苯二甲酸二異丁酯 (DIBP) (Diisobutyl phthalate (DIBP)) (CAS No.: 84-69-5)	參考IEC 62321-8: 2017·以氣相層析 儀/質譜儀分析。(With reference to IEC 62321-8: 2017, analysis was performed by GC/MS.)	mg/kg	50	n.d.	n.d.	n.d.	1000

測試項目 (Test Items)	測試方法 (Method)	單位 (Unit)	MDL	結果 (Result)		限值 (Limit)	
				No.22	No.23	No.24	
鎘 (Cd) (Cadmium (Cd)) (CAS No.: 7440-43-9)	參考IEC 62321-5: 2013·以感應耦合 電漿發射光譜儀分析。(With reference	mg/kg	2	n.d.	n.d.	n.d.	100
鉛 (Pb) (Lead (Pb)) (CAS No.: 7439- 92-1)	to IEC 62321-5: 2013, analysis was performed by ICP-OES.)	mg/kg	2	n.d.	n.d.	n.d.	1000
汞 (Hg) (Mercury (Hg)) (CAS No.: 7439-97-6)	參考IEC 62321-4: 2013 + AMD1: 2017 · 以感應耦合電漿發射光譜儀分析。 (With reference to IEC 62321-4: 2013 + AMD1: 2017, analysis was performed by ICP-OES.)	mg/kg	2	n.d.	n.d.	n.d.	1000
六價鉻 Cr(VI) (Hexavalent Chromium Cr(VI)) (CAS No.: 18540-29-9)	參考IEC 62321-7-2: 2017·以紫外光-可見光分光光度計分析。(With reference to IEC 62321-7-2: 2017, analysis was performed by UV-VIS.)	mg/kg	8	n.d.	n.d.	n.d.	1000



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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)

測試項目	測試方法	單位	MDL		結果		限值
(Test Items)	(Method)	(Unit)			(Result)		(Limit)
				No.22	No.23	No.24	
一溴聯苯 (Monobromobiphenyl)		mg/kg	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	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	5	n.d.	n.d.	n.d.	-
九溴聯苯 (Nonabromobiphenyl)		mg/kg	5	n.d.	n.d.	n.d.	-
十溴聯苯 (Decabromobiphenyl)	参考IEC 62321-6: 2015,以氣相層析	mg/kg	5	n.d.	n.d.	n.d.	-
多溴聯苯總和 (Sum of PBBs)	儀/質譜儀分析。(With reference to	mg/kg	ı	n.d.	n.d.	n.d.	1000
一溴聯苯醚 (Monobromodiphenyl ether)	IEC 62321-6: 2015, analysis was	mg/kg	5	n.d.	n.d.	n.d.	-
二溴聯苯醚 (Dibromodiphenyl ether)	performed by GC/MS.)	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	5	n.d.	n.d.	n.d.	-
五溴聯苯醚 (Pentabromodiphenyl ether)		mg/kg	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	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.	-
多溴聯苯醚總和 (Sum of PBDEs)		mg/kg	-	n.d.	n.d.	n.d.	1000



Test Report

號碼(No.): ETR21106223M01 日期(Date): 01-Feb-2021 頁數(Page): 19 of 42

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)

測試項目 (Test Items)	測試方法 (Method)	單位 (Unit)	MDL		結果 (Result)		限值 (Limit)
(Test items)	(Method)	(OIIII)		No.22	No.23		(Limit)
鄰苯二甲酸丁苯甲酯 (BBP) (Butyl benzyl phthalate (BBP)) (CAS No.: 85- 68-7)	參考IEC 62321-8: 2017·以氣相層析 儀/質譜儀分析。(With reference to IEC 62321-8: 2017, analysis was performed by GC/MS.)	mg/kg	50	n.d.	n.d.	n.d.	1000
鄰苯二甲酸二丁酯 (DBP) (Dibutyl phthalate (DBP)) (CAS No.: 84-74-2)	參考IEC 62321-8: 2017·以氣相層析 儀/質譜儀分析。(With reference to IEC 62321-8: 2017, analysis was performed by GC/MS.)	mg/kg	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 (DEHP)) (CAS No.: 117-81-7)	參考IEC 62321-8: 2017·以氣相層析 儀/質譜儀分析。(With reference to IEC 62321-8: 2017, analysis was performed by GC/MS.)	mg/kg	50	n.d.	n.d.	n.d.	1000
鄰苯二甲酸二異丁酯 (DIBP) (Diisobutyl phthalate (DIBP)) (CAS No.: 84-69-5)	參考IEC 62321-8: 2017·以氣相層析 儀/質譜儀分析。(With reference to IEC 62321-8: 2017, analysis was performed by GC/MS.)	mg/kg	50	n.d.	n.d.	n.d.	1000

測試項目 (Test Items)	測試方法 (Method)	單位 (Unit)	MDL	結果 (Result)		限值 (Limit)	
				No.25	No.26	No.27	
鎘 (Cd) (Cadmium (Cd)) (CAS No.: 7440-43-9)	參考IEC 62321-5: 2013·以感應耦合 電漿發射光譜儀分析。(With reference	mg/kg	2	n.d.	n.d.	n.d.	100
鉛 (Pb) (Lead (Pb)) (CAS No.: 7439- 92-1)	to IEC 62321-5: 2013, analysis was performed by ICP-OES.)	mg/kg	2	n.d.	n.d.	n.d.	1000
汞 (Hg) (Mercury (Hg)) (CAS No.: 7439-97-6)	參考IEC 62321-4: 2013 + AMD1: 2017 ·以感應耦合電漿發射光譜儀分析。 (With reference to IEC 62321-4: 2013 + AMD1: 2017, analysis was performed by ICP-OES.)	mg/kg	2	n.d.	n.d.	n.d.	1000
六價鉻 Cr(VI) (Hexavalent Chromium Cr(VI)) (CAS No.: 18540-29-9)	參考IEC 62321-7-2: 2017·以紫外光-可見光分光光度計分析。(With reference to IEC 62321-7-2: 2017, analysis was performed by UV-VIS.)	mg/kg	8	n.d.	n.d.	n.d.	1000



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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)

測試項目	測試方法	單位	MDL		結果		限值
(Test Items)	(Method)	(Unit)			(Result)		(Limit)
				No.25	No.26	No.27	
一溴聯苯 (Monobromobiphenyl)		mg/kg	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	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	5	n.d.	n.d.	n.d.	-
九溴聯苯 (Nonabromobiphenyl)		mg/kg	5	n.d.	n.d.	n.d.	-
十溴聯苯 (Decabromobiphenyl)	参考IEC 62321-6: 2015,以氣相層析	mg/kg	5	n.d.	n.d.	n.d.	-
多溴聯苯總和 (Sum of PBBs)	儀/質譜儀分析。(With reference to	mg/kg	-	n.d.	n.d.	n.d.	1000
一溴聯苯醚 (Monobromodiphenyl ether)	IEC 62321-6: 2015, analysis was	mg/kg	5	n.d.	n.d.	n.d.	-
二溴聯苯醚 (Dibromodiphenyl ether)	performed by GC/MS.)	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	5	n.d.	n.d.	n.d.	-
五溴聯苯醚 (Pentabromodiphenyl ether)		mg/kg	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	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.	-
多溴聯苯醚總和 (Sum of PBDEs)		mg/kg	-	n.d.	n.d.	n.d.	1000



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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)

測試項目 (Tost Itams)	測試方法	單位 (Unit)	MDL		結果 (Result)		限值
(Test Items)	(Method)	(Unit)		No.25			(Limit)
鄰苯二甲酸丁苯甲酯 (BBP) (Butyl benzyl phthalate (BBP)) (CAS No.: 85- 68-7)	參考IEC 62321-8: 2017·以氣相層析 儀/質譜儀分析。(With reference to IEC 62321-8: 2017, analysis was performed by GC/MS.)	mg/kg	50	n.d.	n.d.	n.d.	1000
鄰苯二甲酸二丁酯 (DBP) (Dibutyl phthalate (DBP)) (CAS No.: 84-74-2)	參考IEC 62321-8: 2017·以氣相層析 儀/質譜儀分析。(With reference to IEC 62321-8: 2017, analysis was performed by GC/MS.)	mg/kg	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 (DEHP)) (CAS No.: 117-81-7)	參考IEC 62321-8: 2017·以氣相層析 儀/質譜儀分析。(With reference to IEC 62321-8: 2017, analysis was performed by GC/MS.)	mg/kg	50	n.d.	n.d.	n.d.	1000
鄰苯二甲酸二異丁酯 (DIBP) (Diisobutyl phthalate (DIBP)) (CAS No.: 84-69-5)	參考IEC 62321-8: 2017·以氣相層析 儀/質譜儀分析。(With reference to IEC 62321-8: 2017, analysis was performed by GC/MS.)	mg/kg	50	n.d.	n.d.	n.d.	1000

測試項目 (Test Items)	測試方法 (Method)	單位 (Unit)	MDL	結果 (Result)		限值 (Limit)	
				No.28	No.29	No.30	
鎘 (Cd) (Cadmium (Cd)) (CAS No.: 7440-43-9)	參考IEC 62321-5: 2013 · 以感應耦合 電漿發射光譜儀分析。(With reference	mg/kg	2	n.d.	n.d.	n.d.	100
鉛 (Pb) (Lead (Pb)) (CAS No.: 7439- 92-1)	to IEC 62321-5: 2013, analysis was performed by ICP-OES.)	mg/kg	2	n.d.	n.d.	n.d.	1000
汞 (Hg) (Mercury (Hg)) (CAS No.: 7439-97-6)	參考IEC 62321-4: 2013 + AMD1: 2017 ·以感應耦合電漿發射光譜儀分析。 (With reference to IEC 62321-4: 2013 + AMD1: 2017, analysis was performed by ICP-OES.)	mg/kg	2	n.d.	n.d.	n.d.	1000
六價鉻 Cr(VI) (Hexavalent Chromium Cr(VI)) (CAS No.: 18540-29-9)	參考IEC 62321-7-2: 2017·以紫外光-可見光分光光度計分析。(With reference to IEC 62321-7-2: 2017, analysis was performed by UV-VIS.)	mg/kg	8	n.d.	n.d.	n.d.	1000



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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)

測試項目	測試方法	單位	MDL		結果		限值
(Test Items)	(Method)	(Unit)			(Result)		(Limit)
				No.28	No.29	No.30	
一溴聯苯 (Monobromobiphenyl)		mg/kg	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	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	5	n.d.	n.d.	n.d.	-
九溴聯苯 (Nonabromobiphenyl)		mg/kg	5	n.d.	n.d.	n.d.	-
十溴聯苯 (Decabromobiphenyl)	參考IEC 62321-6: 2015 · 以氣相層析	mg/kg	5	n.d.	n.d.	n.d.	-
多溴聯苯總和 (Sum of PBBs)	儀/質譜儀分析。(With reference to	mg/kg	ı	n.d.	n.d.	n.d.	1000
一溴聯苯醚 (Monobromodiphenyl ether)	IEC 62321-6: 2015, analysis was	mg/kg	5	n.d.	n.d.	n.d.	-
二溴聯苯醚 (Dibromodiphenyl ether)	performed by GC/MS.)	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	5	n.d.	n.d.	n.d.	-
五溴聯苯醚 (Pentabromodiphenyl ether)		mg/kg	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	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.	-
多溴聯苯醚總和 (Sum of PBDEs)		mg/kg	-	n.d.	n.d.	n.d.	1000

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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)

測試項目 (Tost Itams)	測試方法	單位 (Unit)	MDL		結果 (Result)		限值
(Test Items)	(Method)	(Unit)			No.29		(Limit)
鄰苯二甲酸丁苯甲酯 (BBP) (Butyl benzyl phthalate (BBP)) (CAS No.: 85- 68-7)	參考IEC 62321-8: 2017·以氣相層析 儀/質譜儀分析。(With reference to IEC 62321-8: 2017, analysis was performed by GC/MS.)	mg/kg	50	n.d.	n.d.	n.d.	1000
鄰苯二甲酸二丁酯 (DBP) (Dibutyl phthalate (DBP)) (CAS No.: 84-74-2)	參考IEC 62321-8: 2017·以氣相層析 儀/質譜儀分析。(With reference to IEC 62321-8: 2017, analysis was performed by GC/MS.)	mg/kg	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 (DEHP)) (CAS No.: 117-81-7)	參考IEC 62321-8: 2017·以氣相層析 儀/質譜儀分析。(With reference to IEC 62321-8: 2017, analysis was performed by GC/MS.)	mg/kg	50	n.d.	n.d.	n.d.	1000
鄰苯二甲酸二異丁酯 (DIBP) (Diisobutyl phthalate (DIBP)) (CAS No.: 84-69-5)	參考IEC 62321-8: 2017·以氣相層析 儀/質譜儀分析。(With reference to IEC 62321-8: 2017, analysis was performed by GC/MS.)	mg/kg	50	n.d.	n.d.	n.d.	1000

測試項目 (Test Items)	測試方法 (Method)	單位 (Unit)	MDL	結果 (Result)		限值 (Limit)	
				No.31	No.32	No.33	
鎘 (Cd) (Cadmium (Cd)) (CAS No.: 7440-43-9)	參考IEC 62321-5: 2013 · 以感應耦合 電漿發射光譜儀分析。(With reference	mg/kg	2	n.d.	n.d.	n.d.	100
鉛 (Pb) (Lead (Pb)) (CAS No.: 7439- 92-1)	to IEC 62321-5: 2013, analysis was performed by ICP-OES.)	mg/kg	2	n.d.	n.d.	n.d.	1000
汞 (Hg) (Mercury (Hg)) (CAS No.: 7439-97-6)	參考IEC 62321-4: 2013 + AMD1: 2017 ·以感應耦合電漿發射光譜儀分析。 (With reference to IEC 62321-4: 2013 + AMD1: 2017, analysis was performed by ICP-OES.)	mg/kg	2	n.d.	n.d.	n.d.	1000
六價鉻 Cr(VI) (Hexavalent Chromium Cr(VI)) (CAS No.: 18540-29-9)	參考IEC 62321-7-2: 2017·以紫外光-可見光分光光度計分析。(With reference to IEC 62321-7-2: 2017, analysis was performed by UV-VIS.)	mg/kg	8	n.d.	n.d.	n.d.	1000



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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)

測試項目	測試方法	單位	MDL		結果		限值
(Test Items)	(Method)	(Unit)			(Result)		(Limit)
				No.31	No.32	No.33	
一溴聯苯 (Monobromobiphenyl)		mg/kg	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	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	5	n.d.	n.d.	n.d.	-
九溴聯苯 (Nonabromobiphenyl)		mg/kg	5	n.d.	n.d.	n.d.	-
十溴聯苯 (Decabromobiphenyl)	參考IEC 62321-6: 2015·以氣相層析	mg/kg	5	n.d.	n.d.	n.d.	-
多溴聯苯總和 (Sum of PBBs)	儀/質譜儀分析。(With reference to	mg/kg	ı	n.d.	n.d.	n.d.	1000
一溴聯苯醚 (Monobromodiphenyl ether)	IEC 62321-6: 2015, analysis was	mg/kg	5	n.d.	n.d.	n.d.	-
二溴聯苯醚 (Dibromodiphenyl ether)	performed by GC/MS.)	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	5	n.d.	n.d.	n.d.	-
五溴聯苯醚 (Pentabromodiphenyl ether)		mg/kg	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	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.	-
多溴聯苯醚總和 (Sum of PBDEs)		mg/kg	-	n.d.	n.d.	n.d.	1000



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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)

測試項目 (Test Items)	測試方法 (Method)	單位 (Unit)	MDL		結果 (Result)		
				No.31	No.32	No.33	
鄰苯二甲酸丁苯甲酯 (BBP) (Butyl benzyl phthalate (BBP)) (CAS No.: 85- 68-7)	參考IEC 62321-8: 2017·以氣相層析 儀/質譜儀分析。(With reference to IEC 62321-8: 2017, analysis was performed by GC/MS.)	mg/kg	50	n.d.	n.d.	n.d.	1000
鄰苯二甲酸二丁酯 (DBP) (Dibutyl phthalate (DBP)) (CAS No.: 84-74-2)	參考IEC 62321-8: 2017·以氣相層析 儀/質譜儀分析。(With reference to IEC 62321-8: 2017, analysis was performed by GC/MS.)	mg/kg	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 (DEHP)) (CAS No.: 117-81-7)	參考IEC 62321-8: 2017·以氣相層析 儀/質譜儀分析。(With reference to IEC 62321-8: 2017, analysis was performed by GC/MS.)	mg/kg	50	n.d.	n.d.	n.d.	1000
鄰苯二甲酸二異丁酯 (DIBP) (Diisobutyl phthalate (DIBP)) (CAS No.: 84-69-5)	參考IEC 62321-8: 2017·以氣相層析 儀/質譜儀分析。(With reference to IEC 62321-8: 2017, analysis was performed by GC/MS.)	mg/kg	50	n.d.	n.d.	n.d.	1000

測試項目 (Test Items)	測試方法 (Method)	單位 (Unit)	MDL	結果 (Result)		限值 (Limit)	
				No.34	No.35	No.36	
鎘 (Cd) (Cadmium (Cd)) (CAS No.: 7440-43-9)	參考IEC 62321-5: 2013·以感應耦合 電漿發射光譜儀分析。(With reference	mg/kg	2	n.d.	n.d.	n.d.	100
鉛 (Pb) (Lead (Pb)) (CAS No.: 7439- 92-1)	to IEC 62321-5: 2013, analysis was performed by ICP-OES.)	mg/kg	2	n.d.	n.d.	n.d.	1000
汞 (Hg) (Mercury (Hg)) (CAS No.: 7439-97-6)	參考IEC 62321-4: 2013 + AMD1: 2017 ·以感應耦合電漿發射光譜儀分析。 (With reference to IEC 62321-4: 2013 + AMD1: 2017, analysis was performed by ICP-OES.)	mg/kg	2	n.d.	n.d.	n.d.	1000
六價鉻 Cr(VI) (Hexavalent Chromium Cr(VI)) (CAS No.: 18540-29-9)	參考IEC 62321-7-2: 2017·以紫外光-可見光分光光度計分析。(With reference to IEC 62321-7-2: 2017, analysis was performed by UV-VIS.)	mg/kg	8	n.d.	n.d.	n.d.	1000



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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)

測試項目	測試方法	單位	MDL		結果		限值
(Test Items)	(Method)	(Unit)			(Result)		(Limit)
				No.34	No.35	No.36	
一溴聯苯 (Monobromobiphenyl)		mg/kg	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	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	5	n.d.	n.d.	n.d.	-
九溴聯苯 (Nonabromobiphenyl)		mg/kg	5	n.d.	n.d.	n.d.	-
十溴聯苯 (Decabromobiphenyl)	參考IEC 62321-6: 2015·以氣相層析	mg/kg	5	n.d.	n.d.	n.d.	-
多溴聯苯總和 (Sum of PBBs)	儀/質譜儀分析。(With reference to	mg/kg	ı	n.d.	n.d.	n.d.	1000
一溴聯苯醚 (Monobromodiphenyl ether)	IEC 62321-6: 2015, analysis was	mg/kg	5	n.d.	n.d.	n.d.	-
二溴聯苯醚 (Dibromodiphenyl ether)	performed by GC/MS.)	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	5	n.d.	n.d.	n.d.	-
五溴聯苯醚 (Pentabromodiphenyl ether)		mg/kg	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	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.	-
多溴聯苯醚總和 (Sum of PBDEs)		mg/kg	-	n.d.	n.d.	n.d.	1000



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測試項目	測試方法	單位	MDL	結果		限值	
(Test Items)	(Method)	(Unit)		(Result)			(Limit)
				No.34	No.35	No.36	
68-7)	參考IEC 62321-8: 2017·以氣相層析 儀/質譜儀分析。(With reference to IEC 62321-8: 2017, analysis was performed by GC/MS.)	mg/kg	50	n.d.	n.d.	n.d.	1000
鄰苯二甲酸二丁酯 (DBP) (Dibutyl phthalate (DBP)) (CAS No.: 84-74-2)	參考IEC 62321-8: 2017·以氣相層析 儀/質譜儀分析。(With reference to IEC 62321-8: 2017, analysis was performed by GC/MS.)	mg/kg	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 (DEHP)) (CAS No.: 117-81-7)	參考IEC 62321-8: 2017·以氣相層析 儀/質譜儀分析。(With reference to IEC 62321-8: 2017, analysis was performed by GC/MS.)	mg/kg	50	n.d.	n.d.	n.d.	1000
鄰苯二甲酸二異丁酯 (DIBP) (Diisobutyl phthalate (DIBP)) (CAS No.: 84-69-5)	參考IEC 62321-8: 2017·以氣相層析 儀/質譜儀分析。(With reference to IEC 62321-8: 2017, analysis was performed by GC/MS.)	mg/kg	50	n.d.	n.d.	n.d.	1000

測試項目 (Test Items)	測試方法 (Method)	單位 (Unit)	MDL	結果 (Result) No.37	限值 (Limit)
鎘 (Cd) (Cadmium (Cd)) (CAS No.: 7440-43-9)	参考IEC 62321-5: 2013·以感應耦合 電漿發射光譜儀分析。(With reference	mg/kg	2	n.d.	100
鉛 (Pb) (Lead (Pb)) (CAS No.: 7439- 92-1)	to IEC 62321-5: 2013, analysis was performed by ICP-OES.)	mg/kg	2	n.d.	1000
汞 (Hg) (Mercury (Hg)) (CAS No.: 7439-97-6)	參考IEC 62321-4: 2013 + AMD1: 2017 ·以感應耦合電漿發射光譜儀分析。 (With reference to IEC 62321-4: 2013 + AMD1: 2017, analysis was performed by ICP-OES.)	mg/kg	2	n.d.	1000
六價鉻 Cr(VI) (Hexavalent Chromium Cr(VI)) (CAS No.: 18540-29-9)	參考IEC 62321-7-2: 2017·以紫外光-可見光分光光度計分析。(With reference to IEC 62321-7-2: 2017, analysis was performed by UV-VIS.)	mg/kg	8	n.d.	1000



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測試項目	測試方法	單位	MDL	結果 (Result)	限值
(Test Items)	(Method)	(Unit)		` ,	(Limit)
				No.37	
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)	9 - - - - 参考IEC 62321-6: 2015・以氣相層析	mg/kg	5	n.d.	-
十溴聯苯 (Decabromobiphenyl)		mg/kg	5	n.d.	-
多溴聯苯總和 (Sum of PBBs)	儀/質譜儀分析。(With reference to	mg/kg	ı	n.d.	1000
一溴聯苯醚 (Monobromodiphenyl ether)	IEC 62321-6: 2015, analysis was	mg/kg	5	n.d.	-
二溴聯苯醚 (Dibromodiphenyl ether)	performed by GC/MS.)	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.	-
多溴聯苯醚總和 (Sum of PBDEs)		mg/kg	-	n.d.	1000



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測試項目 (Test Items)	測試方法 (Method)	單位 (Unit)	MDL	結果 (Result)	限值 (Limit)
鄰苯二甲酸丁苯甲酯 (BBP) (Butyl benzyl phthalate (BBP)) (CAS No.: 85- 68-7)	參考IEC 62321-8: 2017·以氣相層析 儀/質譜儀分析。(With reference to IEC 62321-8: 2017, analysis was performed by GC/MS.)	mg/kg	50	No.37 n.d.	1000
鄰苯二甲酸二丁酯 (DBP) (Dibutyl phthalate (DBP)) (CAS No.: 84-74-2)	參考IEC 62321-8: 2017·以氣相層析 儀/質譜儀分析。(With reference to IEC 62321-8: 2017, analysis was performed by GC/MS.)	mg/kg	50	n.d.	1000
鄰苯二甲酸二(2-乙基己基)酯 (DEHP) (Di-(2-ethylhexyl) phthalate (DEHP)) (CAS No.: 117-81-7)	參考IEC 62321-8: 2017·以氣相層析 儀/質譜儀分析。(With reference to IEC 62321-8: 2017, analysis was performed by GC/MS.)	mg/kg	50	n.d.	1000
鄰苯二甲酸二異丁酯 (DIBP) (Diisobutyl phthalate (DIBP)) (CAS No.: 84-69-5)	參考IEC 62321-8: 2017·以氣相層析 儀/質譜儀分析。(With reference to IEC 62321-8: 2017, analysis was performed by GC/MS.)	mg/kg	50	n.d.	1000

備註(Note):

- 1. mg/kg = ppm; 0.1wt% = 1000ppm
- 2. MDL = Method Detection Limit (方法偵測極限值)
- 3. n.d. = Not Detected (未檢出); 小於MDL / Less than MDL
- 4. "-" = Not Regulated (無規格值)
- 5. 符合性結果之判定係以測試結果與限值做比較。(The statement of compliance conformity is based on comparison of testing results and limits.)
- 6. 本報告為合併ETR21106223及ETR21103644之報告。(This report is combined with reports of ETR21106223 and ETR21103644.)



Test Report

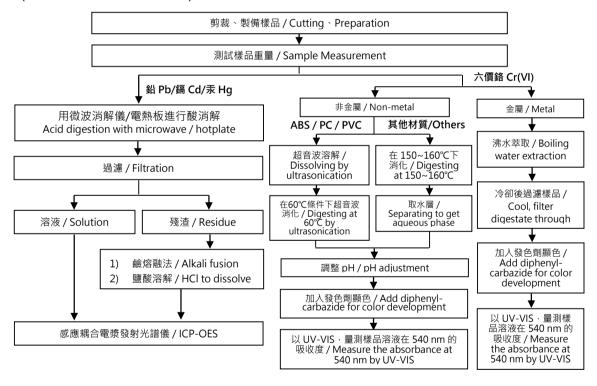
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重金屬流程圖 / Analytical flow chart of Heavy Metal

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. (Cr^{6+} test method excluded)



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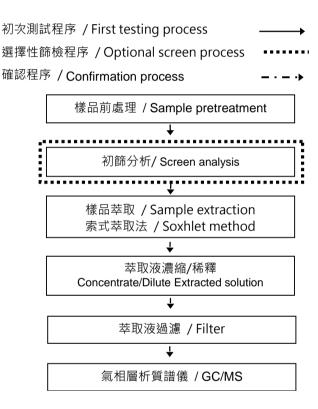


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多溴聯苯/多溴聯苯醚分析流程圖 / Analytical flow chart - PBBs/PBDEs



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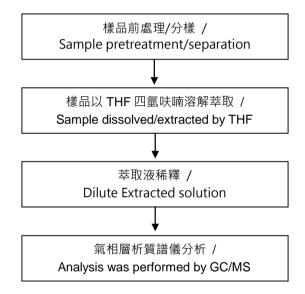
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可塑劑分析流程圖 / Analytical flow chart - Phthalate

【測試方法/Test method: IEC 62321-8】



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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.)

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No.4

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