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# PRODOUCT CLASSIFICATION

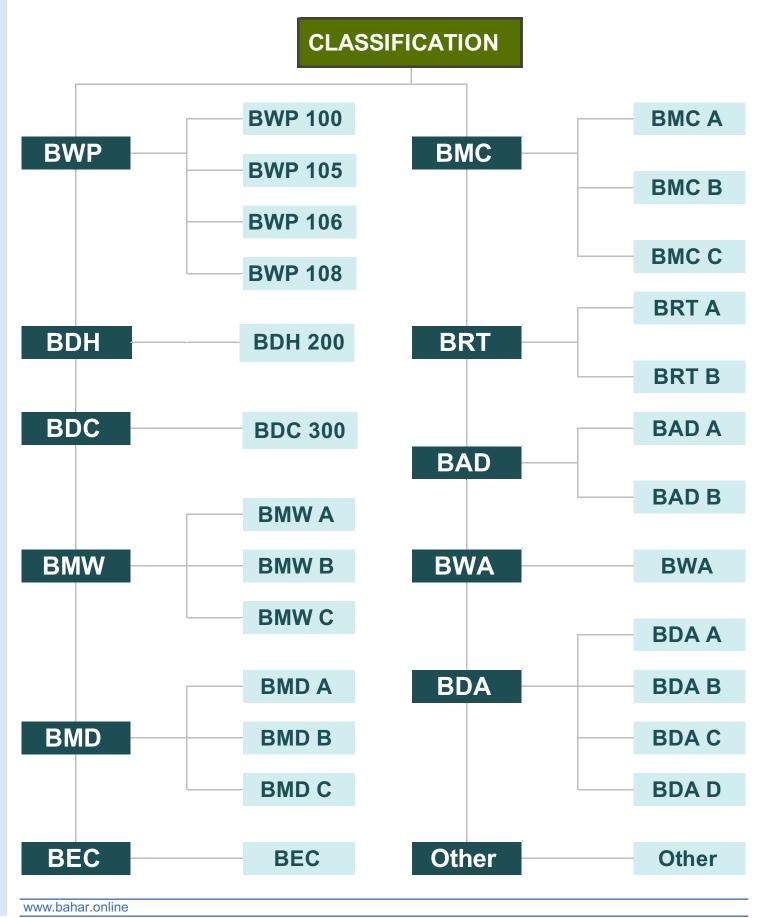


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# PRODOUCT CLASSIFICATION

# **Products Sub-Layered 12 Level**





# **Test Report**

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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 and identified by/on behalf of the applicant as):

送樣廠商(Sample Submitted : 台灣化學纖維股份有限公司 (FORMOSA CHEMICALS & FIBRE CORPORATION)

樣品名稱(Sample Description) : 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 AG12A0, AG12A1, AG12A3, AG15A0, AG15A1, AG15A1-H, AG15A2, AG15A3, AG15AM, AG15E0, AG15E1, AG15E3, AG1000, AG10AP, AG15AB, AG15AJ, AG12AJ,

AH2003, AF3500, AF3560, AF3600, AX4000, AX4100, AX4300, AG22AT, AG23AT, AT5500, AG10NP, AG10NP-T, AG10NP-H, AE8000, AE8200, ANC100, ANC120

收件日期(Sample Receiving Date) : 2015/04/10

測試期間(Testing Period) : 2015/04/10 TO 2015/04/17

測試需求(Test Requested): 依據客户要求,參考 RoHS 指令 2011/65/EU Annex II 測試鎘、鉛、汞、六價鉻、多溴聯

苯、多溴聯苯醚. (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.)

測試方法(Test Method) : 請見下一頁 (Please refer to next pages).

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

結論(Conclusion) : 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 2011/65/EU Annex II 之限值要求 (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.)

Troy Chang Manager - Tech Signed for and on behalf of the SGS TAIWAN LTD.

Chemical Laboratory - Taipei

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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.

#### 測試結果(Test Results)

: 米色塑膠粒 (AG12A0) (BEIGE PLASTIC PELLETS) 測試部位(PART NAME)No.1 測試部位(PART NAME)No.2 : 米色塑膠粒 (AG12A1) (BEIGE PLASTIC PELLETS) 測試部位(PART NAME)No.3 : 米色塑膠粒 (AG12A3) (BEIGE PLASTIC PELLETS) 測試部位(PART NAME)No.4 : 米色塑膠粒 (AG15A0) (BEIGE PLASTIC PELLETS) 測試部位(PART NAME)No.5 : 米色塑膠粒 (AG15A1) (BEIGE PLASTIC PELLETS) 測試部位(PART NAME)No.6 : 米色塑膠粒 (AG15A1-H) (BEIGE PLASTIC PELLETS) 測試部位(PART NAME)No.7 : 米色塑膠粒 (AG15A2) (BEIGE PLASTIC PELLETS) 測試部位(PART NAME)No.8 : 米色塑膠粒 (AG15A3) (BEIGE PLASTIC PELLETS) 測試部位(PART NAME)No.9 : 米色塑膠粒 (AG15AM) (BEIGE PLASTIC PELLETS) 測試部位(PART NAME)No.10 : 米色塑膠粒 (AG15E0) (BEIGE PLASTIC PELLETS) 測試部位(PART NAME)No.11 : 米色塑膠粒 (AG15E1) (BEIGE PLASTIC PELLETS) 測試部位(PART NAME)No.12 : 米色塑膠粒 (AG15E3) (BEIGE PLASTIC PELLETS) 測試部位(PART NAME)No.13 : 米色塑膠粒 (AG1000) (BEIGE PLASTIC PELLETS) 測試部位(PART NAME)No.14 米色塑膠粒 (AG10AP) (BEIGE PLASTIC PELLETS) 測試部位(PART NAME)No.15 : 黑色塑膠粒 (AG15AB) (BLACK PLASTIC PELLETS) 測試部位(PART NAME)No.16 : 黑色塑膠粒 (AG15AJ) (BLACK PLASTIC PELLETS) 測試部位(PART NAME)No.17 : 黑色塑膠粒 (AG12AJ) (BLACK PLASTIC PELLETS) 黑色塑膠粒 (AH2003) (BLACK PLASTIC PELLETS) 測試部位(PART NAME)No.18 測試部位(PART NAME)No.19 : 米色塑膠粒 (AF3500) (BEIGE PLASTIC PELLETS) 測試部位(PART NAME)No.20 : 米色塑膠粒 (AF3560) (BEIGE PLASTIC PELLETS) 測試部位(PART NAME)No.21 : 米色塑膠粒 (AF3600) (BEIGE PLASTIC PELLETS) 測試部位(PART NAME)No.22 : 米色塑膠粒 (AX4000) (BEIGE PLASTIC PELLETS) 測試部位(PART NAME)No.23 : 米色塑膠粒 (AX4100) (BEIGE PLASTIC PELLETS) : 米色塑膠粒 (AX4300) (BEIGE PLASTIC PELLETS) 測試部位(PART NAME)No.24 測試部位(PART NAME)No.25 : 米色塑膠粒 (AG22AT) (BEIGE PLASTIC PELLETS) 測試部位(PART NAME)No.26 米色塑膠粒 (AG23AT) (BEIGE PLASTIC PELLETS) 測試部位(PART NAME)No.27 透明塑膠粒 (AT5500) (TRANSPARENT PLASTIC PELLETS)

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# **Test Report**

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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.

測試部位(PART NAME)No.28 : 米色塑膠粒 (AG10NP) (BEIGE PLASTIC PELLETS) 測試部位(PART NAME)No.29 : 米色塑膠粒 (AG10NP-T) (BEIGE PLASTIC PELLETS) 測試部位(PART NAME)No.30 : 米色塑膠粒 (AG10NP-H) (BEIGE PLASTIC PELLETS) 測試部位(PART NAME)No.31 : 米色塑膠粒 (AE8000) (BEIGE PLASTIC PELLETS) 測試部位(PART NAME)No.32 : 米色塑膠粒 (AE8200) (BEIGE PLASTIC PELLETS) 測試部位(PART NAME)No.33 : 白色塑膠粒 (ANC100) (WHITE PLASTIC PELLETS) 測試部位(PART NAME)No.34 : 白色塑膠粒 (ANC120) (WHITE PLASTIC PELLETS)

測試項目	單位	測試方法	方法偵測	結	l t )	限値	
(Test Items)	(Unit)	(Method)	極限値 (MDL)	No.1	No.2	No.3	(Limit)
鎬 / Cadmium (Cd)	mg/kg	参考IEC 62321-5: 2013方法, 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方法, 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	參考IEC 62321-4: 2013方法, 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
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.	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, R. O. C. 

測試項目	电位   湖封万年	方法偵測	結	果(Resul	lt)	限値	
(Test Items)	(Unit)	(Method)	極限値 (MDL)	No.1	No.2	No.3	(Limit)
多溴聯苯總和 / Sum of PBBs	mg/kg		-	n.d.	n.d.	n.d.	1000
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	   參考IEC 62321: 2008方法,以	5	n.d.	n.d.	n.d.	-
十溴聯苯 / Decabromobiphenyl	mg/kg	氣相層析/質譜儀檢測. / With	5	n.d.	n.d.	n.d.	-
多溴聯苯醚總和 / Sum of PBDEs	mg/kg	reference to IEC 62321: 2008	-	n.d.	n.d.	n.d.	1000
一溴聯苯醚 / Monobromodiphenyl ether	mg/kg	and 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		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.	-



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測試項目	單位	測試方法	方法偵測	結	限値		
(Test Items)	(Unit)	(Method)	極限値 (MDL)	No.4	No.5	No.6	(Limit)
鎬 / Cadmium (Cd)	mg/kg	參考IEC 62321-5: 2013方法, 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方法, 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	參考IEC 62321-4: 2013方法, 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
六價鉻 / 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.	n.d.	n.d.	1000
多溴聯苯總和 / Sum of PBBs	mg/kg		-	n.d.	n.d.	n.d.	1000
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	参考IEC 62321: 2008方法,以	5	n.d.	n.d.	n.d.	-
五溴聯苯 / Pentabromobiphenyl	mg/kg	氣相層析/質譜儀檢測. / With reference to IEC 62321: 2008	5	n.d.	n.d.	n.d.	-
六溴聯苯 / Hexabromobiphenyl	mg/kg	and performed by GC/MS.	5	n.d.	n.d.	n.d.	_
七溴聯苯 / Heptabromobiphenyl	mg/kg	and performed by GC/MS.	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	mg/kg		5	n.d.	n.d.	n.d.	-



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測試項目	單位 測試方法	方法偵測	結	限値			
(Test Items)	(Unit)	(Method)	極限値 (MDL)	No.4	No.5	No.6	(Limit)
多溴聯苯醚總和 / Sum of PBDEs	mg/kg		-	n.d.	n.d.	n.d.	1000
一溴聯苯醚 / Monobromodiphenyl ether	mg/kg		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	參考IEC 62321: 2008方法,以	5	n.d.	n.d.	n.d.	-
五溴聯苯醚 / Pentabromodiphenyl ether	mø/kø	氣相層析/質譜儀檢測. / With reference to IEC 62321: 2008	5	n.d.	n.d.	n.d.	-
六溴聯苯醚 / Hexabromodiphenyl ether	mg/kg	and performed by GC/MS.	5	n.d.	n.d.	n.d.	-
七溴聯苯醚 / Heptabromodiphenyl ether	mg/kg	and periormed by define.	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.	_

測試項目	單位	測試方法	方法偵測	結	限値		
(Test Items)	(Unit)	(Method)	極限値 (MDL)	No.7	No.8	No.9	(Limit)
鎬 / Cadmium (Cd)		參考IEC 62321-5: 2013方法, 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)		參考IEC 62321-5: 2013方法, 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



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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	單位	測試方法	方法偵測	結	果(Resul	t)	限値
(Test Items)	(Unit)	(Method)	極限値 (MDL)	No.7	No.8	No.9	(Limit)
汞 / Mercury (Hg)	mg/kg	参考IEC 62321-4: 2013方法, 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
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.	n.d.	n.d.	1000
多溴聯苯總和 / Sum of PBBs	mg/kg		-	n.d.	n.d.	n.d.	1000
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	参考IEC 62321: 2008方法,以	5	n.d.	n.d.	n.d.	-
十溴聯苯 / Decabromobiphenyl	mg/kg	氣相層析/質譜儀檢測. / With	5	n.d.	n.d.	n.d.	-
多溴聯苯醚總和 / Sum of PBDEs	mg/kg	reference to IEC 62321: 2008	-	n.d.	n.d.	n.d.	1000
一溴聯苯醚 / Monobromodiphenyl ether	mg/kg	and 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		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.	-



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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	單位	測試方法	方法偵測	結	果(Resul	t)	限値
(Test Items)	(Unit)	(Method)	極限値 (MDL)	No.10	No.11	No.12	(Limit)
鎬 / Cadmium (Cd)	mg/kg	参考IEC 62321-5: 2013方法, 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方法, 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方法, 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
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.	n.d.	n.d.	1000
多溴聯苯總和 / Sum of PBBs	mg/kg		-	n.d.	n.d.	n.d.	1000
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	参考IEC 62321: 2008方法,以	5	n.d.	n.d.	n.d.	-
五溴聯苯 / Pentabromobiphenyl	mg/kg	氣相層析/質譜儀檢測. / With	5	n.d.	n.d.	n.d.	-
六溴聯苯 / Hexabromobiphenyl	mg/kg	and performed by GC/MS.	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	mg/kg		5	n.d.	n.d.	n.d.	-

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測試項目	里位   川試万年		方法偵測	結	限値		
(Test Items)	(Unit)	(Method)	極限値 (MDL)	No.10	No.11	No.12	(Limit)
多溴聯苯醚總和 / Sum of PBDEs	mg/kg		-	n.d.	n.d.	n.d.	1000
一溴聯苯醚 / Monobromodiphenyl ether	mg/kg		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	6.1	5	n.d.	n.d.	n.d.	-
四溴聯苯醚 / Tetrabromodiphenyl ether	mg/kg	參考IEC 62321: 2008方法,以	5	n.d.	n.d.	n.d.	-
五溴聯苯醚 / Pentabromodiphenyl ether	mø/kø	氣相層析/質譜儀檢測./With reference to IEC 62321: 2008	5	n.d.	n.d.	n.d.	-
六溴聯苯醚 / Hexabromodiphenyl ether	mg/kg	and performed by GC/MS.	5	n.d.	n.d.	n.d.	-
七溴聯苯醚 / Heptabromodiphenyl ether	mg/kg	and performed by co, me.	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.	-

測試項目	單位	測試方法	方法偵測 極限値	結	限値		
(Test Items)	(Unit)	(Method)	極限値 (MDL)	No.13	No.14	No.15	(Limit)
鎬 / Cadmium (Cd)		参考IEC 62321-5: 2013方法, 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)		參考IEC 62321-5: 2013方法, 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



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201, TUNG HWA N. ROAD, TAIPEI, TAIWAN, R. O. C.

測試項目	單位	   測試方法	方法偵測 極限値 (MDL)	結	限値		
(Test Items)	(Unit)	(Method)		No.13	No.14	No.15	(Limit)
汞 / Mercury (Hg)	mg/kg	參考IEC 62321-4: 2013方法, 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
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.	n.d.	n.d.	1000
多溴聯苯總和 / Sum of PBBs	mg/kg		-	n.d.	n.d.	n.d.	1000
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	参考IEC 62321: 2008方法,以	5	n.d.	n.d.	n.d.	-
五溴聯苯 / Pentabromobiphenyl	mg/kg	氣相層析/質譜儀檢測./ With	5	n.d.	n.d.	n.d.	-
六溴聯苯 / Hexabromobiphenyl	mg/kg	reference to IEC 62321: 2008 and performed by GC/MS.	5	n.d.	n.d.	n.d.	-
七溴聯苯 / Heptabromobiphenyl	mg/kg	and performed by 60/ms.	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	mg/kg		5	n.d.	n.d.	n.d.	-

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測試項目	單位	測試方法	方法偵測	結	果(Resul	t)	限値
(Test Items)	(Unit)	(Method)	極限値 (MDL)	No.13	No.14	No.15	(Limit)
多溴聯苯醚總和 / Sum of PBDEs	mg/kg		-	n.d.	n.d.	n.d.	1000
一溴聯苯醚 / Monobromodiphenyl ether	mg/kg		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	參考IEC 62321: 2008方法,以	5	n.d.	n.d.	n.d.	-
五溴聯苯醚 / Pentabromodiphenyl ether	mg/kg	氣相層析/質譜儀檢測. / With reference to IEC 62321: 2008	5	n.d.	n.d.	n.d.	-
六溴聯苯醚 / Hexabromodiphenyl ether	mg/kg	and performed by GC/MS.	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.	_

測試項目	單位	測試方法	方法偵測	結	t)	限値	
(Test Items)	(Unit)	(Method)	極限値 (MDL)	No.16	No.17	No.18	(Limit)
鎬 / Cadmium (Cd)		参考IEC 62321-5: 2013方法, 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)		参考IEC 62321-5: 2013方法, 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



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測試項目	單位	測試方法	方法偵測	結	果(Resul	t)	限値
(Test Items)	(Unit)	(Method)	極限値 (MDL)	No.16	No.17	No.18	(Limit)
汞 / Mercury (Hg)	mg/kg	參考IEC 62321-4: 2013方法, 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
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.	n.d.	n.d.	1000
多溴聯苯總和 / Sum of PBBs	mg/kg		-	n.d.	n.d.	n.d.	1000
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	参考IEC 62321: 2008方法,以	5	n.d.	n.d.	n.d.	-
十溴聯苯 / Decabromobiphenyl	mg/kg	1	5	n.d.	n.d.	n.d.	-
多溴聯苯醚總和 / Sum of PBDEs	mg/kg	reference to IEC 62321: 2008	-	n.d.	n.d.	n.d.	1000
一溴聯苯醚 / Monobromodiphenyl ether	mg/kg	and 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		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.	-

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測試項目	單位	測試方法	方法偵測	結	結果(Result)			
(Test Items)	(Unit)	(Method)	極限値 (MDL)	No.19	No.20	No.21	(Limit)	
鎬 / Cadmium (Cd)	mg/kg	参考IEC 62321-5: 2013方法, 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方法, 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方法, 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	
六價鉻 / 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.	n.d.	n.d.	1000	
多溴聯苯總和 / Sum of PBBs	mg/kg		-	n.d.	n.d.	n.d.	1000	
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	1, ,	5	n.d.	n.d.	n.d.	-	
四溴聯苯 / Tetrabromobiphenyl	mg/kg	參考IEC 62321: 2008方法,以	5	n.d.	n.d.	n.d.	-	
五溴聯苯 / Pentabromobiphenyl	mg/kg	氣相層析/質譜儀檢測./With reference to IEC 62321: 2008	5	n.d.	n.d.	n.d.	-	
六溴聯苯 / Hexabromobiphenyl	mg/kg	and performed by GC/MS.	5	n.d.	n.d.	n.d.	_	
七溴聯苯 / Heptabromobiphenyl	mg/kg	and performed by 607 Mo.	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	mg/kg		5	n.d.	n.d.	n.d.	-	

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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	單位	測試方法	方法偵測	結	限値		
(Test Items)	(Unit)	(Method)	極限値 (MDL)	No.19	No.20	No.21	(Limit)
多溴聯苯醚總和 / Sum of PBDEs	mg/kg		-	n.d.	n.d.	n.d.	1000
一溴聯苯醚 / Monobromodiphenyl ether	mg/kg		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	參考IEC 62321: 2008方法,以	5	n.d.	n.d.	n.d.	-
五溴聯苯醚 / Pentabromodiphenyl ether	mg/kg	氣相層析/質譜儀檢測. / With reference to IEC 62321: 2008	5	n.d.	n.d.	n.d.	-
六溴聯苯醚 / Hexabromodiphenyl ether	mg/kg	and performed by GC/MS.	5	n.d.	n.d.	n.d.	-
七溴聯苯醚 / Heptabromodiphenyl ether	mg/kg	and periormed by ee, mb.	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.	-

測試項目	單位	測試方法	方法偵測	結	限値		
(Test Items)	(Unit)	(Method)	極限値 (MDL)	No.22	No.23	No.24	(Limit)
鎬 / Cadmium (Cd)		参考IEC 62321-5: 2013方法, 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)		參考IEC 62321-5: 2013方法, 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

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台北市敦化北路201號

201, TUNG HWA N. ROAD, TAIPEI, TAIWAN, R. O. C.

測試項目	單位	測試方法	方法偵測	結	果(Resul	t)	限値
(Test Items)	(Unit)	(Method)	極限値 (MDL)	No.22	No.23	No.24	(Limit)
汞 / Mercury (Hg)	mg/kg	参考IEC 62321-4: 2013方法, 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
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.	n.d.	n.d.	1000
多溴聯苯總和 / Sum of PBBs	mg/kg		-	n.d.	n.d.	n.d.	1000
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	參考IEC 62321: 2008方法,以	5	n.d.	n.d.	n.d.	-
十溴聯苯 / Decabromobiphenyl	mg/kg	氣相層析/質譜儀檢測. / With	5	n.d.	n.d.	n.d.	-
多溴聯苯醚總和 / Sum of PBDEs	mg/kg	reference to IEC 62321: 2008	-	n.d.	n.d.	n.d.	1000
一溴聯苯醚 / Monobromodiphenyl ether	mg/kg	and 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		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.	-

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測試項目	單位		方法偵測	結	果(Resul	t)	限値
(Test Items)	(Unit)	(Method)	極限値 (MDL)	No.25	No.26	No.27	(Limit)
鎬 / Cadmium (Cd)	mg/kg	參考IEC 62321-5: 2013方法, 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	参考IEC 62321-5: 2013方法, 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	參考IEC 62321-4: 2013方法, 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
六價鉻 / 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.	n.d.	n.d.	1000
多溴聯苯總和 / Sum of PBBs	mg/kg		-	n.d.	n.d.	n.d.	1000
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	参考IEC 62321: 2008方法,以	5	n.d.	n.d.	n.d.	-
五溴聯苯 / Pentabromobiphenyl	mg/kg	氣相層析/質譜儀檢測. / With reference to IEC 62321: 2008	5	n.d.	n.d.	n.d.	-
六溴聯苯 / Hexabromobiphenyl	mg/kg	and performed by GC/MS.	5	n.d.	n.d.	n.d.	-
七溴聯苯 / Heptabromobiphenyl	mg/kg	performed by Germo.	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	mg/kg		5	n.d.	n.d.	n.d.	-



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測試項目	單位	測試方法	方法偵測 極限値	結	限値		
(Test Items)	(Unit)	(Method)	(MDL)	No.25	No.26	No.27	(Limit)
多溴聯苯醚總和 / Sum of PBDEs	mg/kg		-	n.d.	n.d.	n.d.	1000
一溴聯苯醚 / Monobromodiphenyl ether	mg/kg		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	1118/118	參考IEC 62321: 2008方法,以	5	n.d.	n.d.	n.d.	-
五溴聯苯醚 / Pentabromodiphenyl ether	mg/kg	氣相層析/質譜儀檢測./With reference to IEC 62321: 2008	5	n.d.	n.d.	n.d.	-
六溴聯苯醚 / Hexabromodiphenyl ether	mg/kg	and performed by GC/MS.	5	n.d.	n.d.	n.d.	-
七溴聯苯醚 / Heptabromodiphenyl ether	mg/kg	1	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.	-

測試項目	單位	測試方法	方法偵測	結	t)	限値	
(Test Items)	(Unit)	(Method)	極限値 (MDL)	No.28	No.29	No.30	(Limit)
鎬 / Cadmium (Cd)		参考IEC 62321-5: 2013方法, 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)		參考IEC 62321-5: 2013方法, 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

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201, TUNG HWA N. ROAD, TAIPEI, TAIWAN, R. O. C.

測試項目	單位	測試方法	方法偵測	結	果(Resul	t)	限値
(Test Items)	(Unit)	(Method)	極限値 (MDL)	No.28	No.29	No.30	(Limit)
汞 / Mercury (Hg)	mg/kg	参考IEC 62321-4: 2013方法, 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
六價絡 / 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.	n.d.	n.d.	1000
多溴聯苯總和 / Sum of PBBs	mg/kg		-	n.d.	n.d.	n.d.	1000
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	參考IEC 62321: 2008方法,以	5	n.d.	n.d.	n.d.	-
十溴聯苯 / Decabromobiphenyl	mg/kg	氣相層析/質譜儀檢測. / With	5	n.d.	n.d.	n.d.	-
多溴聯苯醚總和 / Sum of PBDEs	mg/kg	reference to IEC 62321: 2008	-	n.d.	n.d.	n.d.	1000
一溴聯苯醚 / Monobromodiphenyl ether	mg/kg	and 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		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.	-

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201, TUNG HWA N. ROAD, TAIPEI, TAIWAN, R. O. C.

測試項目 (Test Items)	單位	測試方法 (Method)	方法偵測 極限値 (MDL)	結果(Result)			限値
	(Unit)			No.31	No.32	No.33	(Limit)
鎬 / Cadmium (Cd)	mg/kg	參考IEC 62321-5: 2013方法, 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方法, 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.	10	1000
汞 / Mercury (Hg)	mg/kg	參考IEC 62321-4: 2013方法, 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
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.	n.d.	n.d.	1000
多溴聯苯總和 / Sum of PBBs	mg/kg		-	n.d.	n.d.	n.d.	1000
一溴聯苯 / Monobromobiphenyl	mg/kg		5	n.d.	n.d.	n.d.	-
二溴聯苯 / Dibromobiphenyl	mg/kg	参考IEC 62321: 2008方法,以 氣相層析/質譜儀檢測./ With reference to IEC 62321: 2008 and performed by GC/MS.	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	mg/kg		5	n.d.	n.d.	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)			限値
				No.31	No.32	No.33	(Limit)
多溴聯苯醚總和 / Sum of PBDEs	mg/kg	参考IEC 62321: 2008方法,以 氣相層析/質譜儀檢測. / With reference to IEC 62321: 2008 and performed by GC/MS.	-	n.d.	n.d.	n.d.	1000
一溴聯苯醚 / Monobromodiphenyl ether	mg/kg		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		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.	-

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.34	限値 (Limit)
鎬 / Cadmium (Cd)	mg/kg	参考IEC 62321-5: 2013方法, 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
鉛 / Lead (Pb)	mg/kg	参考IEC 62321-5: 2013方法, 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	6	1000

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方法偵測 結果 單位 測試項目 測試方法 限値 (Result) 極限値 (Test Items) (Unit) (Method) (Limit) (MDL) No.34 汞 / Mercury (Hg) mg/kg 参考IEC 62321-4: 2013方法, n.d. 1000 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. 六價鉻 / Hexavalent Chromium mg/kg 參考IEC 62321: 2008方法,以 2 n.d. 1000 Cr(VI) UV-VIS檢測. / With reference to IEC 62321: 2008 and performed by UV-VIS. 多溴聯苯總和 / Sum of PBBs 1000 n.d. mg/kg 一溴聯苯 / Monobromobiphenyl 5 mg/kg 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 5 mg/kg n.d. 5 五溴聯苯 / Pentabromobiphenyl mg/kg n.d. 六溴聯苯 / Hexabromobiphenyl \_ mg/kg 5 n.d.七溴聯苯 / Heptabromobiphenyl 5 mg/kg n.d. 八溴聯苯 / Octabromobiphenyl 5 mg/kg n.d. 九溴聯苯 / Nonabromobiphenyl 參考IEC 62321: 2008方法,以 5 mg/kg n.d. 十溴聯苯 / Decabromobiphenyl mg/kg 氣相層析/質譜儀檢測. / With 5 n.d. 多溴聯苯醚總和 / Sum of PBDEs reference to IEC 62321: 2008 mg/kg n.d. 1000 and performed by GC/MS. 一溴聯苯醚 / Monobromodiphenyl ether 5 mg/kg 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 5 mg/kg n.d. 五溴聯苯醚 Pentabromodiphenyl ether 5 \_ mg/kg n.d. 六溴聯苯醚 / Hexabromodiphenyl ether 5 n.d. mg/kg 七溴聯苯醚 / Heptabromodiphenyl ether mg/kg 5 n.d. 八溴聯苯醚 / Octabromodiphenyl ether 5 mg/kg 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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#### 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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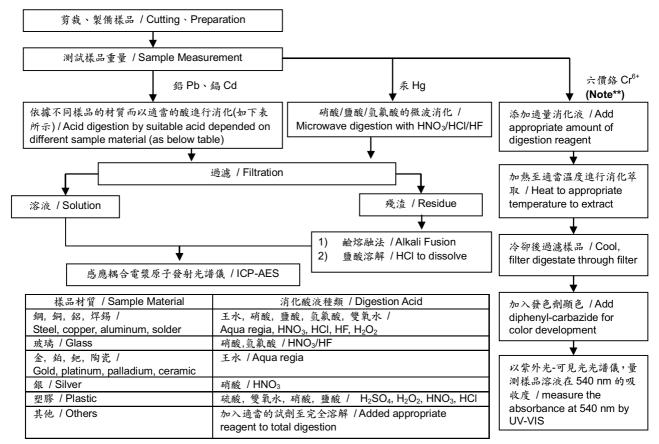
台灣化學纖維股份有限公司

FORMOSA CHEMICALS & FIBRE CORPORATION

台北市敦化北路201號

201, TUNG HWA N. ROAD, TAIPEI, TAIWAN, R. O. C.

- 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. ( Cr<sup>6+</sup> test method excluded )
- 2) 測試人員: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\*\* (For IEC 62321)

- (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 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.

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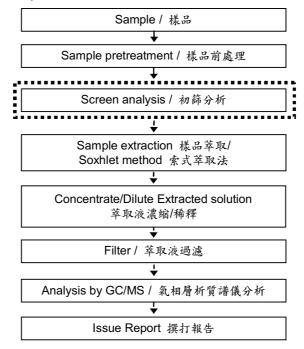


#### 多溴聯苯/多溴聯苯醚分析流程圖 / PBB/PBDE analytical FLOW CHART

- 測試人員: 新賜彬 / 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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\* 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/2015/41942 NO.1







CE/2015/41942 NO.3

CE/2015/41942 NO.4







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# CE/2015/41942 NO.5



#### CE/2015/41942 NO.6



# CE/2015/41942 NO.7



# CE/2015/41942 NO.8





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CE/2015/41942 NO.10



CE/2015/41942 NO.11



CE/2015/41942 NO.12





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# CE/2015/41942 NO.14



# CE/2015/41942 NO.15



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# CE/2015/41942 NO.22



# CE/2015/41942 NO.23



# CE/2015/41942 NO.24





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# CE/2015/41942 NO.25



## CE/2015/41942 NO.26



# CE/2015/41942 NO.27



# CE/2015/41942 NO.28





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# CE/2015/41942 NO.31



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CE/2015/41942 NO.34



\*\* 報告結尾(End of Report) \*\*





