SGS

材料及工程實驗室-高雄

試 驗 報 告

報告編號：KV-16-01510X-1
頁　　數：1　OF　4
報告日期：105 年 03 月 07 日

昇亮實業有限公司

本實驗室依照委託單位之要求,根據委託單位所提供之樣品敘述如下：

產品名稱: 濾藍光螢幕保護鏡
收件日期: 105 年 02 月 23 日
試驗日期: 105 年 02 月 23 日~105 年 03 月 07 日
備　　註: 1.以上資料由顧客提供(收件及試驗日期除外)
2.除非另有說明，此報告結果僅對測試之樣品負責
未經本公司事先書面同意，此報告不可部分複製

本實驗室依照委託單位之要求,根據委託單位所提供之樣品進行試驗,結果如下：

委託試驗要求：(依照客戶提供之測試規格進行試驗，詳細內容請參照附頁。)
塑化劑
RoHS

試驗方法　：--如附頁所示--

試驗結果　：--如附頁所示--

本報告若有提供規範值, 該規範值僅供參考, 合格之判定以委託單位實際要求為準

報 告 簽 署 人

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

試 驗 報 告

報告編號：KV-16-01510X-1
頁　　數：2　OF　4
報告日期：105 年 03 月 07 日

實驗室環境條件：

環境溫度：(23±2)℃

試驗結果：

1. 塑化劑

測試項目	單位	測試方法	方法偵測極限值	結果 No.1
可塑劑定量分析	---	---	---	---
鄰苯二甲酸丁苯甲酯 (BBP) (CAS No.: 85-68-7)	%	參考 EN 14372, 以氣相層析儀/質譜儀檢測之.	0.003	n.d.
鄰苯二甲酸二丁酯 (DBP) (CAS No.: 84-74-2)	%		0.003	n.d.
鄰苯二甲酸二(2-乙基己基)酯 (DEHP) (CAS No.: 117-81-7)	%		0.003	n.d.
鄰苯二甲酸二異癸酯 (DIDP) (CAS No.: 26761-40-0, 68515-49-1)	%		0.01	n.d.
鄰苯二甲酸二異壬酯 (DINP) (CAS No.: 28553-12-0, 68515-48-0)	%		0.01	n.d.
鄰苯二甲酸二正辛酯 (DNOP) (CAS No.: 117-84-0)	%		0.003	n.d.

本報告若有提供規範值, 該規範值僅供參考, 合格之判定以委託單位實際要求為準

報 告 簽 署 人

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

試 驗 報 告

報告編號：KV-16-01510X-1
頁　　數：3　OF　4
報告日期：105 年 03 月 07 日

2. RoHS:

試驗項目	單位	試驗方法	方法偵測極限值	結果 No.1
鎘	mg/kg	參考 IEC 62321-5: 2013 方法，以感應耦合電漿原子發射光譜儀(ICP-AES)檢測.	2	n.d.
鉛	mg/kg		2	n.d.
汞	mg/kg		2	n.d.
六價鉻	mg/kg	參考 IEC 62321: 2008 方法，以 UV-VIS 檢測.	2	n.d.
多溴聯苯總和	mg/kg	參考 IEC 62321-6: 2015 方法，以氣相層析/質譜儀(GC/MS)檢測.	-	n.d.
一溴聯苯	mg/kg		5	n.d.
二溴聯苯	mg/kg		5	n.d.
三溴聯苯	mg/kg		5	n.d.
四溴聯苯	mg/kg		5	n.d.
五溴聯苯	mg/kg		5	n.d.
六溴聯苯	mg/kg		5	n.d.
七溴聯苯	mg/kg		5	n.d.
八溴聯苯	mg/kg		5	n.d.
九溴聯苯	mg/kg		5	n.d.
十溴聯苯	mg/kg		5	n.d.
多溴聯苯醚總和	mg/kg		-	n.d.
一溴聯苯醚	mg/kg		5	n.d.
二溴聯苯醚	mg/kg		5	n.d.
三溴聯苯醚	mg/kg		5	n.d.
四溴聯苯醚	mg/kg		5	n.d.
五溴聯苯醚	mg/kg		5	n.d.
六溴聯苯醚	mg/kg		5	n.d.
七溴聯苯醚	mg/kg		5	n.d.
八溴聯苯醚	mg/kg		5	n.d.
九溴聯苯醚	mg/kg		5	n.d.
十溴聯苯醚	mg/kg		5	n.d.

備註:1. mg/kg = ppm；0.1wt% = 1000ppm
2.n.d. = Not Detected / 未檢出
3. MDL = Method Detection Limit / 方法偵測極限值
4. "-" = Not Regulated / 無規格值
5 本試驗報告 RoHs，塑化劑試驗委託化學實驗室-高雄執行。.

本報告若有提供規範值,該規範值僅供參考,合格之判定以委託單位實際要求為準

報 告 簽 署 人

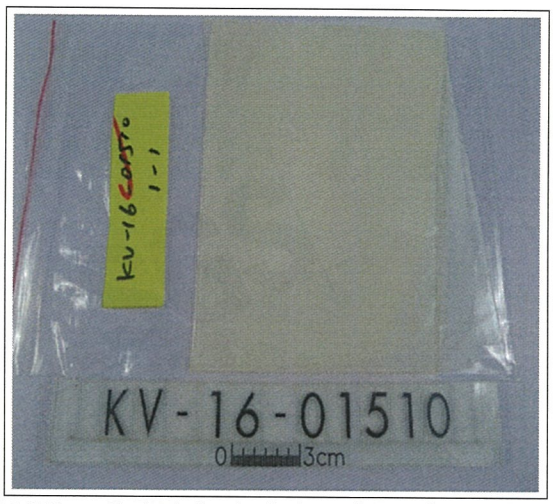
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

材料及工程實驗室-高雄

試 驗 報 告

報告編號：KV-16-01510X-1
頁　　數：4　OF　4
報告日期：105 年 03 月 07 日

樣品照片：



註：本試驗報告取代 KV-16-01510X，原試驗報告作廢，報告修改日期 105 年 03 月 08 日。

----- o O o -----

本報告若有提供規範值，該規範值僅供參考，合格之判定以委託單位實際要求為準

報 告 簽 署 人

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

SGS Taiwan Ltd. 台灣檢驗科技股份有限公司 | No.61, Kai –Fa Road, Nanzih Export Processing Zone, Kaohsiung, Taiwan /高雄市楠梓加工出口區開發路61號
t (886-7) 301-2121　f (886-7) 301-1165　www.sgs.tw
Member of SGS Group