

## 測試報告 Test Report

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嘉達科技股份有限公司



CABLE MASTER ELECTRIC WIRE & CABLE CO., LTD.

台北縣鶯歌鎮中湖街344巷46號

46, LANE 344, CHUNG HU ST., YING KO CHEN, TAIPEI HSIEN, TAIWAN

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

樣品名稱(Sample Description)	:	PVC粒
樣品型號(Style/Item No.)	:	PVC粒-網線
買主/訂單號碼(Buyer/Order No.)	:	嘉達科技股份有限公司 (CABLE MASTER ELECTRIC WIRE & CABLE CO.,
生產或供應廠商(Manufacturer/Vendor)	:	好友電線電纜股份有限公司 (FRIEND ELECTRIC WIRE AND CABLE CO., LTD.)
原產國(Country of Origin)	:	台灣 (TAIWAN)
收件日期(Sample Receiving Date)	:	2008/04/15
測試期間(Testing Period)	:	2008/04/15 TO 2008/04/23

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

Chenyu Kung / Operation Manager  
Signed for and on behalf of  
SGS TAIWAN LTD.  
Chemical Laboratory – Taipei

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### 測試結果(Test Results)

測試部位(PART NAME) NO.1 : 淡灰色塑膠粒 (LT. GRAY PLASTIC PELLETS)

測試項目 (Test Items)	單位 (Unit)	測試方法 (Method)	方法偵測 極限值 (MDL)	結果 (Result)
				NO.1
鎘 / Cadmium (Cd)	mg/kg	參考IEC 62321/2nd CDV (111/95/CDV)方法, 用感應耦合電漿原子發射光譜儀 (ICP-AES) 檢測鎘含量. / With reference to IEC 62321/2nd CDV (111/95/CDV). Determination of Cadmium by ICP-AES.	2	n.d.
鉛 / Lead (Pb)	mg/kg	參考IEC 62321/2nd CDV (111/95/CDV)方法, 用感應耦合電漿原子發射光譜儀 (ICP-AES) 檢測鉛含量. / With reference to IEC 62321/2nd CDV (111/95/CDV). Determination of Lead by ICP-AES.	2	n.d.
汞 / Mercury (Hg)	mg/kg	參考IEC 62321/2nd CDV (111/95/CDV)方法, 用感應耦合電漿原子發射光譜儀 (ICP-AES) 檢測汞含量. / With reference to IEC 62321/2nd CDV (111/95/CDV). Determination of Mercury by ICP-AES.	2	n.d.
六價鉻 / Hexavalent Chromium Cr(VI) by alkaline extraction	mg/kg	針對非金屬材質之樣品, 參考IEC 62321/2nd CDV (111/95/CDV) 方法檢測, 用UV-VIS檢測六價鉻含量. / With reference to IEC 62321/2nd CDV (111/95/CDV). Determination of Hexavalent Chromium for non-metallic samples by UV-Vis Spectrometry.	2	n.d.

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測試項目 (Test Items)	單位 (Unit)	測試方法 (Method)	方法偵測 極限值 (MDL)	結果 (Result)
				NO.1
<b>多溴聯苯總和 / Sum of PBBs</b>	mg/kg	參考IEC 62321/2nd CDV (111/95/CDV)方法, 以氣相層析儀/質譜儀檢測多溴聯苯和多溴聯苯醚含量. / With reference to IEC 62321/2nd CDV (111/95/CDV). Determination of PBB and PBDE by GC/MS.	-	n.d.
一溴聯苯 / Monobromobiphenyl			5	n.d.
二溴聯苯 / Dibromobiphenyl			5	n.d.
三溴聯苯 / Tribromobiphenyl			5	n.d.
四溴聯苯 / Tetrabromobiphenyl			5	n.d.
五溴聯苯 / Pentabromobiphenyl			5	n.d.
六溴聯苯 / Hexabromobiphenyl			5	n.d.
七溴聯苯 / Heptabromobiphenyl			5	n.d.
八溴聯苯 / Octabromobiphenyl			5	n.d.
九溴聯苯 / Nonabromobiphenyl			5	n.d.
十溴聯苯 / Decabromobiphenyl			5	n.d.
<b>多溴聯苯醚總和 (一至九溴) / Sum of PBDEs (Mono to Nona) (Note 4)</b>			-	n.d.
一溴聯苯醚 / Monobromodiphenyl ether			5	n.d.
二溴聯苯醚 / Dibromodiphenyl ether			5	n.d.
三溴聯苯醚 / Tribromodiphenyl ether			5	n.d.
四溴聯苯醚 / Tetrabromodiphenyl ether			5	n.d.
五溴聯苯醚 / Pentabromodiphenyl ether			5	n.d.
六溴聯苯醚 / Hexabromodiphenyl ether			5	n.d.
七溴聯苯醚 / Heptabromodiphenyl ether			5	n.d.
八溴聯苯醚 / Octabromodiphenyl ether			5	n.d.
九溴聯苯醚 / Nonabromodiphenyl ether	5	n.d.		
十溴聯苯醚 / Decabromodiphenyl ether	5	n.d.		
<b>多溴聯苯醚總和 (一至十溴) / Sum of PBDEs (Mono to Deca)</b>	-	n.d.		

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測試項目 (Test Items)	單位 (Unit)	測試方法 (Method)	方法偵測 極限值 (MDL)	結果 (Result)
				NO.1
多苯環芳香族化合物 / Polynuclear Aromatic Hydrocarbons (PAHs)	---	---	---	---
Naphthalene (CAS No.: 000091-20-3)	mg/kg	參考US EPA 8270D方法, 以氣相層析 質譜儀(GC/MS)檢測. / With reference to US EPA 8270D method. Analysis was performed by GC/MS.	0.1	0.371
Acenaphthylene (CAS No.: 000208-96-8)			0.1	n.d.
Acenaphthene (CAS No.: 000083-32-9)			0.1	n.d.
Fluorene (CAS No.: 000086-73-7)			0.1	n.d.
Phenanthrene (CAS No.: 000085-01-8)			0.1	n.d.
Anthracene (CAS No.: 000120-12-7)			0.1	n.d.
Fluoranthene (CAS No.: 000206-44-0)			0.1	n.d.
Pyrene (CAS No.: 000129-00-0)			0.1	n.d.
Benzo[a]anthracene (CAS No.: 000056- 55-3)			0.1	n.d.
Chrysene (CAS No.: 000218-01-9)			0.1	n.d.
Benzo[b]fluoranthene (CAS No.: 000205-99-2)			0.1	n.d.
Benzo[k]fluoranthene (CAS No.: 000207-08-9)			0.1	n.d.
Benzo[a]pyrene (CAS No.: 000050-32-8)			0.1	n.d.
Dibenzo[a,h]anthracene (CAS No.: 000053-70-3)			0.1	n.d.
Benzo[g,h,i]perylene (CAS No.: 000191-24-2)			0.1	n.d.
Indeno[1,2,3-c,d] pyrene (CAS No.: 000193-39-5)	0.1	n.d.		

### 備註(Note) :

1. mg/kg = ppm
2. n.d. = Not Detected (未檢出)
3. MDL = Method Detection Limit (方法偵測極限值)
4. 根據2005年10月13日歐盟會議公佈2005/717/EC, 修訂2002/95/EC內容, 通過解除高分子材質  
中十溴聯苯醚之使用限制. (According to 2005/717/EC DecaBDE is exempt.)
5. "-" = Not Regulated (無規格值)
6. "---" = Not Conducted (未測項目)

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\*\* 報告結尾 \*\*