



TEST REPORT

Lab No. : (6206)1170314
Date : May 03, 2006
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Applicant : ONETOUCH TECHNOLOGIES CO., LTD
申請人 : 3F, No.222, Ta-Tung Rd., Sec.3, His-Chih City, Taipei Hsien, Taiwan R.O.C.
益震科技股份有限公司
台北縣汐止市大同路三段 222 號 3 樓

Contact Person : Joseph Tseng
聯絡人

Date of Submission : April 28, 2006 & May 02, 2006
呈送日期 : 2006 年 04 月 28 日 及 2006 年 05 月 02 日

Performance Date : April 28, 2006 to May 03, 2006
測試日期 : 2006 年 04 月 28 日 至 2006 年 05 月 03 日

Sample Description

Product Name : 5 Wire Resistive Touchscreens
產品名稱

Item No. : 5 W-Series
產品型號

Buyer's Order No : 5 W-Series
買家型號

Sample Quantity : 1 PC
送樣件數

Manufacture's Name : ONETOUCH TECHNOLOGIES CO., LTD
工廠名稱

Country of origin : Taiwan
原產國

Goods Exported : Globe
銷往國家

SUMMARY OF TEST RESULTS

TEST REQUESTED	REMARK
Determinations of Heavy metal content – Pb, Cd, Hg, Cr(VI)	See results in page 2
Determinations of PBB & PBDE	See results in page 2

BUREAU VERITAS CONSUMER PRODUCTS SERVICES
(H.K.) LIMITED, TAIWAN BRANCH

DR. PAUL LO
TECHNICAL MANAGER
CHEMICAL DIVISION

PREPARED BY : Paul Huang

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Test Result(s):

測試結果：

- 測試件： 1. Black paper (except adhesive) / 黑色紙(背膠除外)
Item(s) 2. Yellow gum / 黃色膠
3. Mix glass with golden glass frit / 玻璃與金色燒結玻璃混合測試

Restriction of Hazardous Substances Directive (RoHS), 2002/95/EC

Test Item 測試項目	Unit 單位	MDL 偵測極限	Result 結果		
			1	2	3
Lead [Pb] / 鉛	ppm	2	N.D.	8.3	129.3
Cadmium [Cd] / 鎘	ppm	2	N.D.	N.D.	N.D.
Mercury [Hg] / 汞	ppm	2	N.D.	N.D.	N.D.
Chromium (VI) [Cr(VI)] / 六價鉻	ppm	2	N.D.	N.D.	N.D.
Polybrominated Biphenyls[PBB] 聚溴聯苯					
Bromobiphenyls / 一溴聯苯	ppm	5	N.D.	N.D.	N.A.
Dibromobiphenyls/ 二溴聯苯	ppm	5	N.D.	N.D.	N.A.
Tribromobiphenyls/ 三溴聯苯	ppm	5	N.D.	N.D.	N.A.
Tetrabromobiphenyls/ 四溴聯苯	ppm	5	N.D.	N.D.	N.A.
Pentabromobiphenyls/ 五溴聯苯	ppm	5	N.D.	N.D.	N.A.
Hexabromobiphenyls/ 六溴聯苯	ppm	5	N.D.	N.D.	N.A.
Heptabromobiphenyls/ 七溴聯苯	ppm	5	N.D.	N.D.	N.A.
Octabromobiphenyls/ 八溴聯苯	ppm	5	N.D.	N.D.	N.A.
Nonabromobiphenyls/ 九溴聯苯	ppm	5	N.D.	N.D.	N.A.
Decabromobiphenyl/ 十溴聯苯	ppm	5	N.D.	N.D.	N.A.
Sum of PBBs	ppm	—	N.D.	N.D.	N.A.
Polybrominated Diphenyl Ethers[PBDE] 聚溴聯苯醚					
Bromodiphenyl ethers / 一溴聯苯醚	ppm	5	N.D.	N.D.	N.A.
Dibromodiphenyl ethers/ 二溴聯苯醚	ppm	5	N.D.	N.D.	N.A.
Tribromodiphenyl ethers/ 三溴聯苯醚	ppm	5	N.D.	N.D.	N.A.
Tetrabromodiphenyl ethers/ 四溴聯苯醚	ppm	5	N.D.	N.D.	N.A.
Pentabromodiphenyl ethers/ 五溴聯苯醚	ppm	5	N.D.	N.D.	N.A.
Hexabromodiphenyl ethers/ 六溴聯苯醚	ppm	5	N.D.	N.D.	N.A.
Heptabromodiphenyl ethers/ 七溴聯苯醚	ppm	5	N.D.	N.D.	N.A.
Octabromodiphenyl ethers/ 八溴聯苯醚	ppm	5	N.D.	N.D.	N.A.
Nonabromodiphenyl ethers/ 九溴聯苯醚	ppm	5	N.D.	N.D.	N.A.
Decabromodiphenyl ether/ 十溴聯苯醚	ppm	5	N.D.	N.D.	N.A.
Sum of PBDEs	ppm	—	N.D.	N.D.	N.A.

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Test Item 測試項目	Test Method 測試方法
IEC ACEA ad hoc Work Group: Procedures for the Determination of Levels of Regulated Substances in Electrotechnical Products Version 1.0.	
Lead [Pb] / 鉛	The sample is comminuted and digested with acid mixtures. Pb content is determined with ICP-AES technique (Reference: Clause 14, page 52 / US EPA 3051A and 3052)
Cadmium [Cd] / 鎘	The sample is comminuted and digested with acid mixtures. Cd content is determined with ICP-AES technique (Reference: Clause 14, page 52 / US EPA 3051A and 3052)
Mercury [Hg] / 汞	The sample is comminuted and digested with acid mixtures. Hg content is determined with ICP-AES technique (Reference: Clause 13, page 44 / US EPA 3051A and 3052)
Chromium (VI) [Cr(VI)] / 六價鉻	The sample is comminuted and digested with alkaline mixtures. Chromium VI content is determined with UV-VIS spectroscopic technique. (Chapter 10 / US EPA 3060A)
Polybrominated Biphenyls [PBB] / 聚溴聯苯	The sample is first scanned by infra red (IR) spectroscopy and appropriate solvent is used for extraction. The content of PBBs are determined by GC-MS (Reference: Clause 9, page 27)
Polybrominated Diphenyl Ethers [PBDE] / 聚溴聯苯醚	The sample is first scanned by infra red (IR) spectroscopy and appropriate solvent is used for extraction. The content of PBDEs are determined by GC-MS (Reference: Clause 9, page 27)

Note: (1) N.D. = Not Detected 未檢測出
註解: (2) ppm = mg/kg 百萬分之一
(3) MDL = Method Detection Limit 方法偵測極限
(4) “—” = Empty 空白
(5) N.A. = Not Applicable 不適用

Remark: The test was conducted as client's request.

-----The End-----

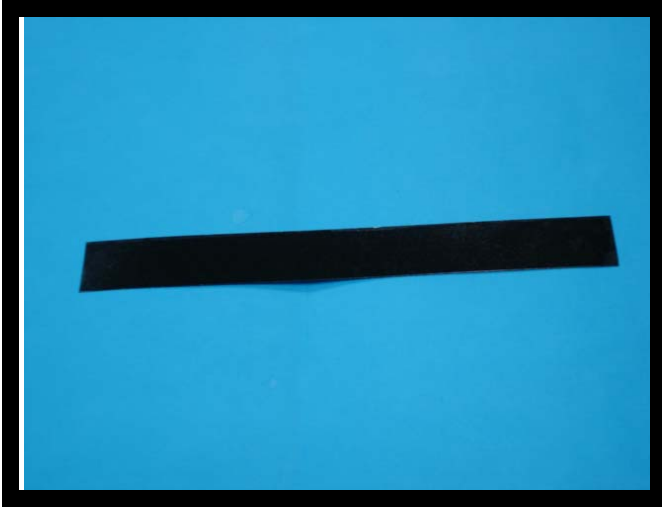
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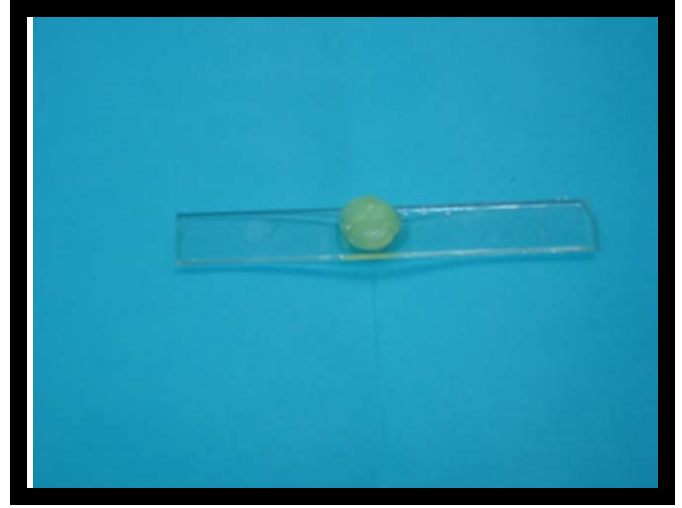
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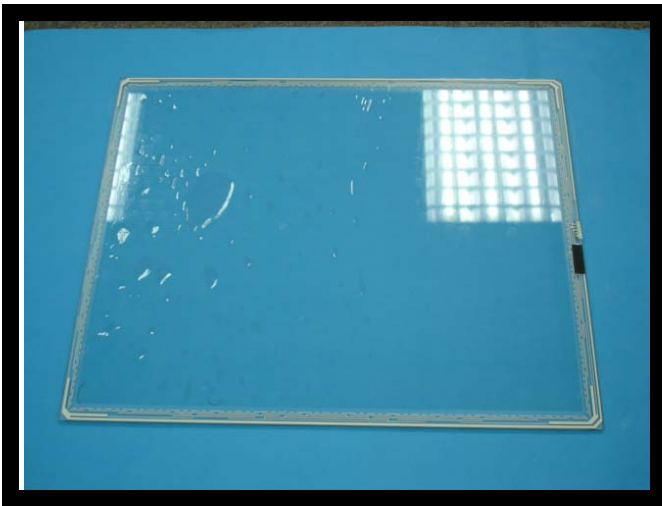
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