

測試報告

號碼：CY/2011/72634

日期：2011/08/03

頁數：1 of 4

易昇塑膠股份有限公司

(505)彰化縣鹿港鎮鹿和路3段432巷96號



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：

樣品名稱：聚苯乙烯 HIPS C5 杯蓋
樣品材質：HIPS
收件日期：2011/07/27
測試期間：2011/07/27 TO 2011/08/03

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測試需求：(1) 依據客戶指定，參考中華民國食品器具容器包裝衛生標準(99.11.22署授食字第0991303265號令修正)進行以下測試：
- 材質測試：鉛、鎘、甲苯、乙苯、苯乙烯、異丙苯、正丙苯。
- 溶出測試：高錳酸鉀消耗量、重金屬(以鉛計)、蒸發殘渣、鄰苯二甲酸2-乙基己基酯、鄰苯二甲酸二丁酯。
(2) 其它
測試結果：請見下一頁。
結論：(1) 根據客戶所提供的樣品，其測試結果符合中華民國食品器具容器包裝衛生標準(99.11.22署授食字第0991303265號令修正)。


James Lu / Supervisor
Signed for and on behalf of
SGS TAIWAN LTD.
Chemical Laboratory – Taipei

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測試結果

測試部位 No.1 : 半透明色塑膠杯蓋

(1) 通過

測試項目	單位	測試方法	方法偵測	結果	法規
			極限值	No.1	
鉛	mg/kg	參考食品器具、容器、包裝檢驗方法-聚苯乙烯(PS)之檢驗(93年5月署授食字第0939311138號修訂), 以ICP-AES分析.	1	n.d.	100
鎘	mg/kg		0.1	n.d.	100
高錳酸鉀消耗量-(水, 60°C, 30分鐘)	mg/L	參考食品器具、容器、包裝檢驗方法-聚苯乙烯(PS)之檢驗(93年5月署授食字第0939311138號修訂).	1	3.3	10
蒸發殘渣-(水, 60°C, 30分鐘)	mg/L		1	16.0	30
重金屬(以鉛計)-(4%醋酸, 60°C, 30分鐘)	mg/L		1	Negative	1
蒸發殘渣-(4%醋酸, 60°C, 30分鐘)	mg/L		1	15.0	30
蒸發殘渣-(正庚烷, 25°C, 1小時)	mg/L		1	31.0	240
蒸發殘渣-(20%酒精, 60°C, 30分鐘)	mg/L		1	11.0	30
甲苯	mg/kg		參考食品器具、容器、包裝檢驗方法-聚苯乙烯(PS)之檢驗(93年5月署授食字第0939311138號修訂).	25	n.d.
乙苯	mg/kg	25		372	-
苯乙烯	mg/kg	25		1040	-
異丙苯	mg/kg	25		49.4	-
正丙苯	mg/kg	25		n.d.	-
(苯乙烯+甲苯+乙苯+正丙苯+異丙苯)五項總和	mg/kg	-		1461.4	5000
鄰苯二甲酸2-乙基己基酯 (DEHP) (CAS No.: 117-81-7) (正庚烷, 25°C, 1小時)	mg/L	參考食品器具、容器、包裝檢驗方法-塑膠類之檢驗(100年7月14日署授食字第1001902289號修正), 以氣相層析/質譜儀檢測.	0.05	n.d.	1.5
鄰苯二甲酸二丁酯 (DBP) (CAS No.: 84-74-2) (正庚烷, 25°C, 1小時)	mg/L		0.05	n.d.	0.3

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(2)

測試項目	單位	測試方法	方法偵測 極限值	結果	法規 限值
				No.1	
鄰苯二甲酸二異壬酯 (DINP) (CAS No.: 28553-12-0) (正庚烷, 25°C, 1小時)	mg/L	參考食品器具、容器、包裝檢驗方法-塑膠類之檢驗(100年7月14日署授食字第1001902289 號修正), 以氣相層析/質譜儀檢測。	0.5	n.d.	-
鄰苯二甲酸二異癸酯 (DIDP) (CAS No.: 26761-40-0) (正庚烷, 25°C, 1小時)	mg/L		0.5	n.d.	-
鄰苯二甲酸丁基苯酯 (BBP) (CAS No.: 85-68-7) (正庚烷, 25°C, 1小時)	mg/L		0.05	n.d.	-
鄰苯二甲酸二辛酯 (DOP) (CAS No.: 117-84-0) (正庚烷, 25°C, 1小時)	mg/L		0.05	n.d.	-

備註：

- 0.1wt% = 1000ppm ; mg/kg = ppm ; mg/L = ppm
- MDL = Method Detection Limit / 方法偵測極限值
- n.d. = Not Detected / 未檢出
- "-" = Not Regulated / 無規格值
- Negative / 陰性(未偵測到), Positive / 陽性(已偵測到)

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** 報告結尾 **

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