



測試報告

本富企業有限公司

彰化縣埔心鄉經口村中山路153巷2弄5號1樓

號碼：CY/2012/70131 日期：2012/07/12 頁數：1 of 4



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：NBR 安全防撞護條
 原產國：台灣
 收件日期：2012/07/03
 測試期間：2012/07/03 TO 2012/07/12

測試需求：檢測多苯環芳香族化合物含量。

測試結果：請見下一頁。

結論：根據客戶所提供的樣品，其多苯環芳香族化合物的測試結果符合德國ZLS的ZEK 01.4-08及其相關修訂文件中的第1類PAHs要求。



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 : 咖啡色泡棉

測試項目	單位	測試方法	方法偵測	結果
			極限值	No. 1
多苯環芳香族化合物 (PAHs)				
芘 (CAS No.: 83-32-9)	mg/kg	參考ZLS standard ZEK 01.4-08 方法, 以氣相層析/質譜儀 (GC/MS)檢測.	0.2	n.d.
芘烯 (CAS No.: 208-96-8)			0.2	n.d.
蔥 (CAS No.: 120-12-7)			0.2	n.d.
苯駢蔥 (CAS No.: 56-55-3)			0.2	n.d.
苯駢(a)芘 (CAS No.: 50-32-8)			0.2	n.d.
苯(b)苯駢芘 (CAS No.: 205-99-2)			0.2	n.d.
苯駢芘 (CAS No.: 191-24-2)			0.2	n.d.
苯(k)苯駢芘 (CAS No.: 207-08-9)			0.2	n.d.
Chrysene (CAS No.: 218-01-9)			0.2	n.d.
二苯駢蔥 (CAS No.: 53-70-3)			0.2	n.d.
苯駢芘 (CAS No.: 206-44-0)			0.2	n.d.
芘 (CAS No.: 86-73-7)			0.2	n.d.
茚酮芘 (CAS No.: 193-39-5)			0.2	n.d.
萘 (CAS No.: 91-20-3)			0.2	n.d.
菲 (CAS No.: 85-01-8)			0.2	n.d.
芘 (CAS No.: 129-00-0)			0.2	n.d.
苯(j)苯駢芘 (CAS No.: 205-82-3)			0.2	n.d.
苯駢(e)芘 (CAS No.: 192-97-2)			0.2	n.d.
多苯環芳香族化合物18項總和				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

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參考資料：

依據ZEK 01.4-08之要求：產品中最大值為

項目	第1類	第2類	第3類
	意圖放入嘴內的材料或與36個月以下的幼兒皮膚有所接觸的玩具。	可預見與皮膚接觸逾30秒(長期與皮膚接觸)，以及不屬於第1類的材料。	可預見與皮膚接觸短於30秒(短期與皮膚接觸)，以及不屬於第1類或第2類的材料。
苯駢(a)芘 (mg/kg)	<MDL (<0.2)**	1	20
18項PAH總濃度 (mg/kg)*	<MDL (<0.2)**	10	200

注意：

* = PAH濃度大於0.2mg/kg時，則須計算PAH總濃度值

** = 最大濃度值超出等級一的限制，但在等級二的濃度限制值內時，可能需要確認測試材質是否適用於與食品或與口腔黏膜接觸，並依照EN 1186 ff. and § 64 LFBG 80.30-1方法，針對特定PAH的遷移測試進行測試。遷移測試的結論需依照食品規範評估。

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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。 *

CY/2012/70131



SGSY12701310101

** 報告結尾 **

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