

测试報生

| 则武和百 | 悲碼(No→) | : CE/2016/12862 | 日期(Date) : 2016/01/20 | 百數(Dama) · 1 of 5 |
|---|---------------------------------------|---------------------------------------|----------------------------|----------------------------|
| Test Report | 初し ⁴ 49(110.) | . CE/ 2010/ 12002 | ц жд (Date) . 2010/01/20 | 頁數(Page) : 1 of 5 |
| 南亞塑膠工業股份有限公司 NAN YA PLASTICS CORPORATI 嘉義縣太保市南新里北港路 201, SECTION 2, PEI-KANG | ON (CHIA-YI 二段201號 | | Ţ | |
| 以下測試樣品係由申請廠商 behalf of the applicant | | (The following | sample(s) was/were submitt | ed and identified by/on |
| 送樣廠商(Sample Submitted | By) : | 南亞塑膠工業股份 PLANT)) | 分有限公司嘉二廠(NAN YA PLAS | STICS CORPORATION (CHIA-YI |
| 樣品名稱(Sample Descripti | on) : | IML PEARLIZED P | APER(模內標籤用珠光紙) | |
| 收件日期(Sample Receiving | ; Date) : | 2016/01/14 | | |
| 測試期間(Testing Period) | : | 2016/01/14 TO 2 | 2016/01/20 | |
| ===================================== | ····································· | ===================================== | 環芳香烴含量. (As specified b | by client, to test Polycyc |

- st Polycyclic Aromatic Hydrocarbons (PAHs).)
- 测试结果(Test Results) 請見下一頁 (Please refer to next pages). :
- 結(Summary) 根據客戶所提供的樣品,其多環芳香烴測試結果符合德國產品安全委員會(AfPS) GS PAHs 第 2 類 「列於德國產品安全法之其他產品」之限值要求 (Based upon the performed tests on the submitted sample, the test results of PAHs comply with the limits of PAHs requirement (Category 2) [[]Other products under ProdSG] as set by German Committee on Product Safety (AfPS) GS PAHs.)



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(CHIA-YI 2ND



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<u>测試結果(Test Results)</u>

测试部位(PART NAME) No.1 : 白色紙(WHITE PAPER)

| 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 |
|---|--------------|--|----------------------|------------------------|
| 多環芳香烴 / Polycyclic Aromatic Hydrocarbons | | | | |
| (PAHs) | | | | |
| 苊 / Acenaphthene (CAS No.: 83-32-9) | | | 0.2 | n. d. |
| 苊烯 / Acenaphthylene (CAS No.: 208-96-8) | | | 0.2 | n. d. |
| 蔥 / Anthracene (CAS No.: 120-12-7) | | | 0.2 | n. d. |
| 苯駢蔥 / Benzo[a]anthracene (CAS No.: 56-55-3) | | | 0.2 | n. d. |
| 苯駢(a)芘 / Benzo[a]pyrene (CAS No.: 50-32-8) | | | 0.2 | n. d. |
| 苯(b)苯駢芴 / Benzo[b]fluoranthene (CAS No.: 205-99-2) 苯賆范 / Benzo[g,h,i]perylene (CAS No.: 191-24-2) | | 參考AfPS GS 2014:01 PAK方法, 以氣相層析/質譜儀檢測. / With | 0.2 | n. d. |
| | | | 0.2 | n. d. |
| 苯(k)苯联芴 / Benzo[k]fluoranthene (CAS No.: 207-08-9) | | | 0.2 | n. d. |
| Chrysene (CAS No.: 218-01-9) | | | 0.2 | n. d. |
| 二苯駢蔥 / Dibenzo[a,h]anthracene(CAS No.: 53-70-3) | mg/kg | reference to AfPS GS 2014:01 PAK method. Analysis was | 0.2 | n. d. |
| 苯駢芴 / Fluoranthene (CAS No.: 206-44-0) | | | 0.2 | n. d. |
| 芴 / Fluorene (CAS No.: 86-73-7) | | performed by GC/MS. | 0.2 | n. d. |
| 茚酮芘 / Indeno[1,2,3-c,d] pyrene (CAS No.: 193-39-5) | | | 0.2 | n. d. |
| 茶 / Naphthalene (CAS No.: 91-20-3) 菲 / Phenanthrene (CAS No.: 85-01-8) 芘 / Pyrene (CAS No.: 129-00-0) 苯(j)苯联芴 / Benzo[j]fluoranthene (CAS No.: 205-82-3) | | | 0.2 | n. d. |
| | | | 0.2 | n. d. |
| | | | 0.2 | n.d. |
| | | | 0.2 | n.d. |
| 苯駢(e)芘 / Benzo[e]pyrene (CAS No.: 192-97-2) | | | 0.2 | n.d. |
| 多環芳香烴18項總和 / Sum of 18 PAHs | | | - | n. d. |

日期(Date): 2016/01/20

備註(Note):

- 1. mg/kg = milligram per kilogram
- 2. MDL = Method Detection Limit (方法偵測極限值)
- 3. n.d. = Not Detected (未檢出)
- 4. "-" = Not Regulated (無規格值)

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德國產品安全委員會(AfPS) GS PAHs 要求 / AfPS (German commission for Product Safety): GS PAHs requirements

| | 第1類(Category 1) | 第2類(Ca | ategory 2) | 第3類(Category 3) | |
|------------------------------|---|--|---|---|--|
| 項目 (Parameter) | 意圖放入嘴內的材料 或玩具會與皮膚有所 接觸(超過30秒). (Material indented to be put in the mouth or toys with intended skin | 接觸逾30秒(長期 觸). (Materials under category foreseeable con longer than 30 | not falling 1 with tact to skin for seconds (long- | 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. (Materials not falling under category 1 or 2 with foreseeable contact to skin for less than 30 seconds (short- term skin contact).) | |
| | contact (longer than 30 s).) | 列 於2009/48/EC 之玩具(Toy under 2009/48/EC) | 列於徳國產品安全 法之其他產品 (Other products under ProdSG) | 列於2009/48/EC 之玩具(Toy under 2009/48/EC) | 列於德國產品安全 法之其他產品 (Other products under ProdSG) |
| Naphthalene | < 1 | < | < 2 | < 10 | |
| Acenaphthylene | | | | | |
| Acenaphthene | | < 5 Sum | < 10 Sum | < 20 Sum | |
| Fluorene | | | | | |
| Phenanthrene | < 1 Sum | | | | < 50 Sum |
| Anthracene | | | | | |
| Fluoranthene | | | | | |
| Pyrene | | | | | |
| Benzo[a]anthracene | < 0.2 | < 0.2 | < 0.5 | < 0.5 | < 1 |
| Chrysene | < 0.2 | < 0.2 | < 0.5 | < 0.5 | < 1 |
| Benzo[b]fluoranthene | < 0.2 | < 0.2 | < 0.5 | < 0.5 | < 1 |
| Benzo[j]fluoranthene | < 0.2 | < 0.2 | < 0.5 | < 0.5 | < 1 |
| Benzo[k]fluoranthene | < 0.2 | < 0.2 | < 0.5 | < 0.5 | < 1 |
| Benzo[a]pyrene | < 0.2 | < 0.2 | < 0.5 | < 0.5 | < 1 |
| Benzo[e]pyrene | < 0.2 | < 0.2 | < 0.5 | < 0.5 | < 1 |
| Indeno[1, 2, 3-c, d] pyrene | < 0.2 | < 0.2 | < 0.5 | < 0.5 | < 1 |
| Dibenzo[a,h]anthracene | < 0.2 | < 0.2 | < 0.5 | < 0.5 | < 1 |
| Benzo[g,h,i]perylene | < 0.2 | < 0.2 | < 0.5 | < 0.5 | < 1 |
| 18項PAH總濃度 (Sum of 18 PAH) | < 1 | < 5 | < 10 | < 20 | < 50 |

單位(Unit):mg/kg

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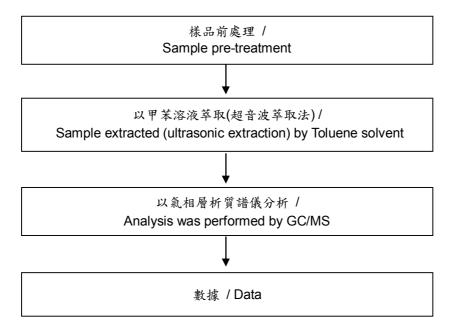
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多環芳香烴分析流程圖 / PAHs (Polycyclic Aromatic Hydrocarbons) analytical flow chart

- 測試人員:翁賜彬 / Name of the person who made measurement: Roman Wong
- 測試負責人:張啟興 / Name of the person in charge of measurement: Troy Chang



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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. * (The tested sample / part is marked by an arrow if it's shown on the photo.)

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** 報告結尾(End of Report) **

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