試驗報告
Test Report

號碼(No.) : KU/2020/60023　　日期(Date) : 2020/06/16　　

FORMOSA INDUSTRIES CORPORATION

NHON TRACH III, I.E, HIEP PHUOC TOWN, NHON TRACHDIST, DONG NAIPROV., VIETNAM

以下測試樣品係由申請廠商所提供及確認 (The following sample(s) was/were submitted and identified by/on behalf of the applicant as):

送樣廠商(Sample Submitted By)	:	台灣興業責任有限公司 (FORMOSA INDUSTRIES CORPORATION)
樣品名稱(Sample Description)	:	POLYAMIDE 6 (PA6)
樣品型號(Style/Item No.)	:	SUNYLON NYLON 6 (耐隆6)
樣品材質(Sample Material)	:	NYLON 6
收件日期(Sample Receiving Date)	:	2020/06/05
測試期間(Testing Period)	:	2020/06/05 TO 2020/06/16

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測試需求(Test Requested) :

客戶指定依據美國聯邦法規之藥物暨食品管理(FDA) 21 CFR 177.1500 Nylon 6進行測試. 測試項目請參閱測試結果表格. / As specified by client, the sample(s) was/were tested according to U.S. Food and Drug Administration (FDA) 21 CFR 177.1500 Nylon 6 to conduct test. Please refer to result table for testing item(s).

測試結果(Test Results) : 請參閱下一頁 (Please refer to following pages).

報告簽署人/張伯睿/博士/技術經理
Ray Chang, Ph.D./Manager -Tech
Signed for and on behalf of
SGS Taiwan Limited
化學實驗室-高雄/Chemical Laboratory-Kaohsiung

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測試結果(Test Results)

測試部位(PART NAME)No.1　　:　　白色塑膠片 (WHITE PLASTIC SHEET)

通過(PASS)

測試項目 (Test Items)	單位 (Unit)	測試方法 (Method)	MDL	結果 (Result) No.1	限值 (Limit)
最大可萃取量 (水, 迴流, 8小時) / Maximum extractable fraction (water, reflux, 8 h)	%	依據美國FDA 21 CFR 177.1500 (2020). / According to US FDA 21 CFR 177.1500 (2020).	0.05	0.249	1
最大可萃取量 (95%乙醇, 迴流, 8小時) / Maximum extractable fraction (95% ethyl alcohol, reflux, 8 h)	%	依據美國FDA 21 CFR 177.1500 (2020). / According to US FDA 21 CFR 177.1500 (2020).	0.05	0.226	2
最大可萃取量 (乙酸乙酯, 迴流, 8小時) / Maximum extractable fraction (ethyl acetate, reflux, 8 h)	%	依據美國FDA 21 CFR 177.1500 (2020). / According to US FDA 21 CFR 177.1500 (2020).	0.05	n.d.	1
最大可萃取量 (苯, 迴流, 8小時) / Maximum extractable fraction (benzene, reflux, 8 h)	%	依據美國FDA 21 CFR 177.1500 (2020). / According to US FDA 21 CFR 177.1500 (2020).	0.05	n.d.	1
在沸騰的4.2N HCl中的溶解性 / Solubility in boiling 4.2N HCl	-	依據美國FDA 21 CFR 177.1500 (2020). / According to US FDA 21 CFR 177.1500 (2020).	-	Dissolves in 1 hr	在1小時內溶解 / Dissolves in 1 h
熔點 / Melting point (■)	°F	依據美國FDA 21 CFR 177.1500 (2020)，以熱示差掃描卡量計分析. / According to US FDA 21 CFR 177.1500 (2020), analysis was performed by Differential Scanning Calorimetry.	-	428.23	392~446

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備註(Note)：

1. 0.1wt% = 1000ppm；mg/kg = ppm
2. MDL = Method Detection Limit（方法偵測極限值）
3. n.d. = Not Detected = below MDL（未檢出 / 低於MDL）
4. (■):此項目轉包予台灣檢驗科技股份有限公司材料暨工程實驗室-高雄進行測試. / This testing item(s) was/were subcontracted to SGS Taiwan Ltd. Material & Engineering Laboratory - Kaohsiung.

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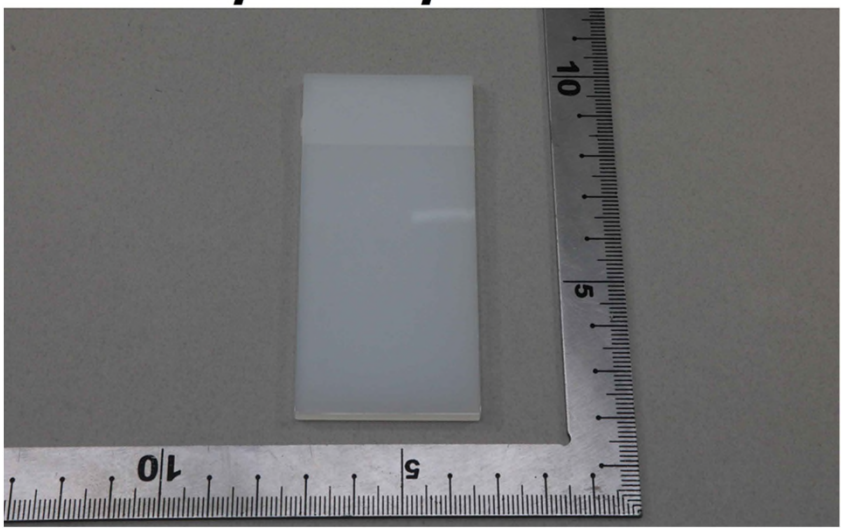
＊ 照片中如有箭頭標示，則表示為實際檢測之樣品/部位. ＊
(The tested sample / part is marked by an arrow if it's shown on the photo.)

KU/2020/60023



** 報告結尾 (End of Report) **