



測試報告

Test Report

號碼(No.): ETR22704542

日期(Date): 29-Jul-2022

頁數(Page): 1 of 3

東明油墨股份有限公司 (TUNG-MING PRINTING INK CO., LTD.)

新竹市明湖路482巷30號 (NO. 30, LANE 482, MING-HU ROAD, HSIN CHU CITY, TAIWAN, R. O. C.)


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 the applicant as) :

送樣廠商(Sample Submitted By) : 東明油墨股份有限公司 (TUNG-MING PRINTING INK CO., LTD.)
樣品名稱(Sample Name) : MINERAL OIL FREE OFFSET PRINTING INK (無礦物油平版印刷油墨)
樣品型號(Style/Item No.) : 客戶自行調配之樣品 / SAMPLE IS BLENDED BY CLIENT : VF YELLOW, VF MAGENTA, VF CYAN, VF BLACK, VF SP100, VF SP500, VF 008, VF 07, VF 80, VF 23, VF 220, VF128, VF180, VF 204, VF 230, VF 480, VF 488, VF 499, VF 611, VF 636, VF 68, VF 810, VF 814, VF 1001, VF 1004, VF 1009

收件日(Sample Receiving Date) : 22-Jul-2022
測試期間(Testing Period) : 22-Jul-2022 to 29-Jul-2022

測試需求(Test Requested) : 依據客戶要求進行測試，測試項目請參閱測試結果表格。(Testing item(s) is/are specified by client. 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.)


Troy Chang / Department Manager
Signed for and on behalf of
SGS TAIWAN LTD.
Chemical Laboratory - Taipei



PIN CODE: F31FC34D

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測試部位敘述 (Test Part Description)

No.1 : 棕色膏狀 (客戶自行調配之樣品) (BROWN PASTE (SAMPLE IS BLENDED BY CLIENT))

測試結果 (Test Results)

測試項目 (Test Items)	測試方法 (Method)	單位 (Unit)	MDL	結果 (Result)
				No.1
礦物油 (Mineral oil)				
飽和烴礦物油 (MOSH) (C16-C35) (Mineral Oil Saturated Hydrocarbons (MOSH) (C16-C35))	參考BfR · 以氣相層析儀/火焰離子化偵測器分析。 (With reference to BfR, analysis was performed by GC/FID.)	mg/kg	1	n.d.
芳香烴礦物油 (MOAH) (3~7個芳香環) (Mineral Oil Aromatic Hydrocarbons (MOAH) (3-7 aromatic rings))	參考BfR · 以氣相層析儀/火焰離子化偵測器分析。 (With reference to BfR, analysis was performed by GC/FID.)	mg/kg	1	n.d.
芳香烴礦物油 (MOAH) (1~7個芳香環) (Mineral Oil Aromatic Hydrocarbons (MOAH) (1-7 aromatic rings))	參考BfR · 以氣相層析儀/火焰離子化偵測器分析。 (With reference to BfR, analysis was performed by GC/FID.)	mg/kg	1	n.d.

備註(Note) :

1. mg/kg = ppm ; 0.1wt% = 0.1% = 1000ppm
2. MDL = Method Detection Limit (方法偵測極限值)
3. n.d. = Not Detected (未檢出) ; 小於MDL / Less than MDL

Remark :

2022年4月13日法令 (Arrêté du 13 avril 2022, the Decree) · 規定礦物油禁止用於包裝和公眾印刷品 (Decree of April 13, 2022 (Arrêté du 13 avril 2022, the Decree), specifying the substances contained in mineral oils whose use is prohibited on packaging and printing intended for the public)

物質 (Substance)	生效日期 (Effective Date)	
	2023/1/1	2025/1/1
MOSH (C16~C35)	/	0.1 %
MOAH (1-7個芳香環) MOAH (1-7 aromatic rings)	1%	MOAH (1-7個芳香環) MOAH(1-7 aromatic rings) 0.1 %
		MOAH (3-7個芳香環) MOAH(3-7 aromatic rings) 1 ppm

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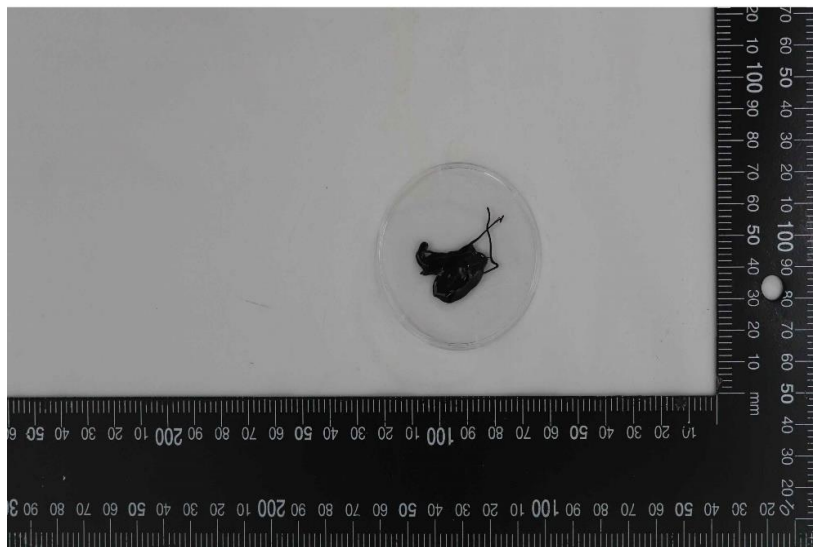
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* 照片中如有箭頭標示，則表示為實際檢測之樣品/部位。*

(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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