

## 紡織實驗室

**Test Report** 報告號碼: TX33091A /2024 /SP 日期: 2024 年 04 月 12 日 頁數: 二 之 一 頁

伍立實業股份有限公司  
台北市內湖區瑞光路 192 號 12 樓

我們依照客戶的要求, 根據申請者送交的樣品進行測試如下:

樣品敘述 : 二塊石墨烯抽針搖粒毛巾布:  
(A) 測試樣  
(B) 對照樣

顏色 : (A) 丈青色 (B) 紅色

成份 : 100% Polyester

布重 : 155gm/m<sup>2</sup>

型號 : D836 丈青有石墨烯,  
D837 對照組:紅色無石墨烯

生產 / 供應商 : 伍立實業股份有限公司

原產國家 : 台灣

申請者 : 伍立實業股份有限公司

收件日期 : 2024 年 03 月 29 日

測試週期 : 2024 年 03 月 29 日至 2024 年 04 月 12 日

測試項目&測試方法 : 依申請者要求進行下列測試

測試結果 : 請參照下一頁結果

備註: 此份報告的測試結果全部摘錄自報告號碼 TX33091/2024/SP, 日期: 2024 年 04 月 12 日。

台灣檢驗科技股份有限公司

郭靈  
主任



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測試結果:

光吸收保溫性試驗方法 (BQE A 036-2011)

測試方法及條件:

放置一溫度感應計於測試樣品的內中心處。將樣品於 reflex lamp 曝置 10 分鐘且量測其溫度後, 立即關閉燈源。但仍繼續量測 10 分鐘。必須每一分鐘量測溫度變化, 歷時 20 分鐘。樣品(A)和(B)一起在相同的狀況下測試。然後樣品(A)和(B)交換位置後再依上述相同的方式進行。平均值即為測試結果。

使用光源: PRF-500WD

照射距離: 30 cm

溫溼度: 20±2°C 65±4% RH

測試結果:

經過時間 (分)	溫度 (°C)		溫度差 ΔT=(A)-(B)
	(A) 測試組	(B) 對照組	
0	19.9	19.9	0.0
1	46.1	31.1	15.0
2	55.3	35.1	20.2
3	59.0	37.4	21.6
4	60.7	38.6	22.1
5	62.1	39.6	22.5
6	63.0	40.4	22.6
7	64.1	40.7	23.4
8	64.6	41.0	23.6
9	64.8	41.3	23.5
10	65.0	41.4	23.6
11	41.0	30.2	10.8
12	32.3	26.5	5.8
13	28.6	24.6	4.0
14	26.1	23.4	2.7
15	24.6	22.7	1.9
16	23.8	22.3	1.5
17	23.1	21.8	1.3
18	22.6	21.5	1.1
19	22.1	21.2	0.9
20	21.8	21.1	0.7

測試由其他實驗室執行

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