

試驗報告



報告編號：KV-12-11931X

頁數：1 OF 5

報告日期：101 年 11 月 23 日

南寶樹脂化學工廠股份有限公司
臺南市西港區南海里南海埔 12 號

本實驗室依照委託單位之要求,根據委託單位所提供之樣品敘述如下：

供應廠商：南寶樹脂化學工廠股份有限公司

樣品名稱：6500 隔熱漆

樣品型號：6500 隔熱漆

送驗人員：南寶樹脂化學工廠股份有限公司

本實驗室依照委託單位之要求,根據委託單位所提供之樣品進行試驗,結果如下：

委託試驗要求：(依照客戶提供之測試規格進行試驗，詳細內容請參照附頁。)

日光反射率(Solar Reflectance)

放射能量(Emittance)

日光反射指數(Solar Reflectance Index)

試驗方法：--如附頁所示--

試驗結果：--如附頁所示--

收件日期：101 年 11 月 21 日

試驗日期：101 年 11 月 21 日~101 年 11 月 23 日

----- 1 -----

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試驗報告



報告編號：KV-12-11931X

頁數：2 OF 5

報告日期：101 年 11 月 23 日

1.日光反射率(Solar Reflectance):試驗設備：

名稱	廠牌	型號
Solar Spectrum Reflectometer	Devices and Services	SSR-ER

實驗室環境條件：

環境溫度：(23±2)°C

相對濕度：(50±5%)RH

試驗方法：

ASTM C1549-02 Standard Test Method for Determination of Solar Reflectance Near Ambient Temperature Using a Portable Solar Reflectometer

試驗條件：

檢測器 : Portable Solar Reflectometer
 空氣質量 : 1.5 beam normal
 量測角度 : 20°
 反射標準 : Mir #b34

試驗結果：

試驗項目	試驗方法	試驗結果
日光反射率(Solar Reflectance)(%)	ASTM C1549-02	83

----- 2 -----

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試驗報告



報告編號：KV-12-11931X

頁數：3 OF 5

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2.放射能量(Emittance):試驗設備：

名稱	廠牌	型號
Emissometer	Devices and Services	AE1
Scaling Digital Voltmeter		RD1

實驗室環境條件：

環境溫度：(23±2)°C

相對濕度：(50±5%)RH

試驗方法：

ASTM C1371-04 Standard Test Method for Determination of Emittance of Materials Near Room Temperature Using Portable Emissometers

試驗條件：

檢測器 : Portable Emissometer

參考標準 : 1.High Emittance Standard(Aluminum Hard Anodize Teflon infused)
2.Low Emittance Standard(Nickel Plated Brass)

試驗結果：

試驗項目	試驗方法	試驗結果
放射能量(Emittance)	ASTM C1371-04	0.87

----- 3 -----

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頁數：4 OF 5

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3.日光反射指數(Solar Reflectance Index):

試驗方法：

ASTM E1980-01 Standard Practice for Calculating Solar Reflectance Index of Horizontal and Low-Sloped Opaque Surfaces

試驗結果：

試驗項目	試驗方法	試驗結果
日光反射指數(SRI) ($12 \text{ W} \cdot \text{M}^{-2} \cdot \text{K}^{-1}$)	ASTM E1980-01	103

註:日光反射指數由日光反射率及放射能量計算而得。

----- 4 -----

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試驗圖片：



樣品圖示

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