

試驗報告



報告編號：TB-21-03981

C-21-10273

頁數：1 OF 3

報告日期：110年08月24日

工程名稱：自測
 承包商：----
 委託單位：恩德科技股份有限公司
 供料廠商：----
 樣品名稱：粒片板 18 mm
 加註項目：ES
 送驗人員：恩德科技股份有限公司-林至松
 收件日期：110年07月20日
 試驗日期：110年07月20日~110年08月24日
 備註：1.以上資料由顧客提供(收件及試驗日期除外)

2.除非另有說明，此報告結果僅對測試之樣品負責
 未經本公司事先書面同意，此報告不可部分複製
 3.下述報告內容標示#處由顧客提供

試驗結果：

| 試驗項目 | 試驗結果 | 試驗方法 | |
|---------------------------------------|--------------------------------|----------------|-------------|
| 密度 (g/cm ³) | 0.69 | CNS 2215(2012) | |
| 含水率 (%) | 10 | | |
| 抗彎強度 (N/mm ²) | 20.8 | | |
| 耐衝擊性 (W ₂ -500, 100 cm) | 無龜裂、破壞及剝離的情形 (平均凹陷直徑 12 mm) | | |
| 吸水厚度膨脹率 (%) | 3 | | |
| 木螺釘保持力 (N) | 481 | | |
| 內聚強度 (N/mm ²) | 0.7 | | |
| 平面抗拉強度 (N/mm ²) | 1.0 | | |
| 紅色蠟筆之耐污染性 | 污染用灰色標 4-5 級 | | |
| 耐酸性 (5% 醋酸水溶液) | 不變色 | | |
| 耐鹼性 (1% 碳酸鈉水溶液) | 不變色 | | |
| 耐變色性 | 外觀 | | 表面無裂隙、鼓脹等缺點 |
| | 色差 ΔE* | | 1.27 |

註：1.耐變色性試驗試驗機型式：SUGA U48；濾鏡：密閉式；使用光源：Ultraviolet Carbon Arc

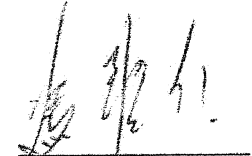
2.耐變色性試驗測試條件：黑板溫度：63 ± 3 °C；試驗槽溫度：42 ± 3 °C；

相對溼度：30 ± 5 % R.H.；測試週期：100 % 照光

3.本試驗報告耐變色性試驗委由SGS材料暨工程實驗室-高雄執行測試

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本報告若有提供規範值時，該規範值僅供參考，合格之判定以委託單位實際要求為準


報告簽署人

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Testing Laboratory
0292

材料暨工程實驗室-台中

試驗報告



報告編號：TB-21-03981

C-21-10273

頁數：2 OF 3

報告日期：110年08月24日

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試驗結果：

| 試驗項目 | 試驗結果 | | | 試驗方法 |
|------|------------------------|----------|----------|-----------------|
| | 測定項目 | SAMPLE 1 | SAMPLE 2 | |
| 防焰性 | 火源加熱時間(min) | 2 | 2 | CNS 11668(2008) |
| | 餘焰時間(sec) | 0 | 0 | |
| | 餘燼時間(sec) | 0 | 0 | |
| | 炭化面積(cm ²) | 32 | 29 | |

註： 1.試驗樣品厚度：SAMPLE 1為18.2 mm；SAMPLE 2為18.2 mm

2.測試面為正面

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試驗結果：

| 試驗項目 | 試驗結果 | 方法偵測極限(MDL) | 試驗方法 |
|------------------|------|-------------|----------------|
| 甲醛釋出量-最大值 (mg/L) | 1.3 | 0.05 | CNS 2215(2012) |
| 甲醛釋出量-平均值 (mg/L) | 1.3 | 0.05 | |

註：1.結果低於方法偵測極限值(MDL)之測定值以"N.D."表示；

若高於方法偵測極限值(MDL)，但低於定量極限值(QDL)時，以"<0.2"表示，

並括號註明其實測值。

2.N.D. = Not Detected / 未檢出

3.本試驗報告密度、含水率、抗彎強度、耐衝擊性及甲醛釋出量試驗為TAF認證範圍，其餘則非

4.本試驗報告之試驗地點同實驗室地址

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