

試驗報告



報告編號: TB-21-04047
C-21-10460

頁數: 1 OF 3

報告日期: 110年09月02日

工程名稱: 自測
 承包商: ----
 委託單位: 龍疆國際企業股份有限公司
 供料廠商: ----
 樣品名稱: 粒片板 18 mm
 產品規格: 8mm、18mm、25mm
 送驗人員: 龍疆國際企業股份有限公司-張文騰
 收件日期: 110年07月23日
 試驗日期: 110年07月23日~110年09月02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	# CNS 2215(2012) 13型 規範值	試驗方法	
密度 (g/cm ³)	0.68	0.40 以上 0.90 以下	CNS 2215(2012)	
含水率 (%)	8	5 以上 13 以下		
抗彎強度 (N/mm ²)	16.1	13.0 以上		
濕潤抗彎強度-A試驗 (N/mm ²)	7.2	6.5 以上		
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)	不得有放射狀龜裂、破壞 及化粧層之剝離。且凹陷 之直徑須在20 mm以下		
吸水厚度膨脹率 (%)	2	12 以下		
木螺釘保持力 (N)	441	400 以上		
內聚強度 (N/mm ²)	0.4	0.2 以上		
平面抗拉強度 (N/mm ²)	1.0	0.4 以上		
紅色蠟筆之耐污染性	污染用灰色標 4-5 級	污染用灰色標 3 號以上		
耐酸性 (5% 醋酸水溶液)	不變色	不變色		
耐鹼性 (1% 碳酸鈉水溶液)	不變色	不變色		
耐變色性	外觀	表面無裂隙、鼓脹等缺點		表面不得有龜裂、鼓脹等 缺點
	色差 ΔE*	1.92		3.0 以下

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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頁數：2 OF 3

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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)	37	36	

註： 1.試驗樣品厚度：SAMPLE 1為18.4 mm；SAMPLE 2為18.4 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)	0.7	0.05	CNS 2215(2012)
甲醛釋出量-平均值 (mg/L)	0.7	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.CNS 2215(2012)規定甲醛釋出量 F₁規範值為最大值 0.4 mg/L以下，平均值 0.3 mg/L以下
F₂規範值為最大值 0.7 mg/L以下，平均值 0.5 mg/L以下
F₃規範值為最大值 2.1 mg/L以下，平均值 1.5 mg/L以下
4.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
5.本試驗報告之試驗地點同實驗室地址

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