

試驗報告



報告編號：HV-18-01646

頁數：1 OF 2

報告日期：107 年 04 月 26 日

委託單位：貝斯特精密化學企業有限公司
 供料廠商：貝斯特精密化學企業有限公司
 樣品名稱：貝斯特水性塗料(WP 系列、CP 系列、MP 系列)
 取樣人員：貝斯特精密化學企業有限公司(梁育筌)
 送驗人員：貝斯特精密化學企業有限公司(梁育筌)
 會驗人員：貝斯特精密化學企業有限公司(梁育筌)
 收件日期：107 年 04 月 11 日
 試驗日期：107 年 04 月 11 日~107 年 04 月 26 日
 會驗日期：107 年 04 月 25 日
 試驗方法：CNS 4940(2016)、CNS 15200-1-1(2007)、CNS 15200-2-4(2008)、
 CNS 15200-3-2(2009)、CNS 15200-6-1(2010)、CNS 15200-6-2(2010)、
 CNS 10880-1(1994)
 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

試驗結果：

| 試驗項目 | 試驗結果 | CNS 4940(2016)第二種規範要求值 |
|-----------------------|-------------|------------------------|
| 容器內狀態 | 攪拌時無堅硬結塊且均勻 | 攪拌時無堅硬結塊且均勻 |
| 研磨細度(μm) | 30 | 60 以下 |
| 塗裝作業性 | 無礙於刷塗及滾塗作業 | 無礙於刷塗及滾塗作業 |
| 加溫儲存安定性 | 符合 | 在 50°C 儲存 7 天應為安定 |
| 乾燥時間(表面乾燥性)(h) | 2 以內 | 2 小時以內 |
| 塗膜外觀 | 塗膜外觀正常 | 塗膜外觀正常 |
| 遮蓋力(%) | 93 | 93 以上(白色及淺色) |
| 耐水性 | 浸水試驗無異狀 | 浸漬於水中 72 小時無異狀 |

規範要求值僅供參考，合格之判定以委託單位實際要求為準。

高偉峰
報告簽署人

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試驗結果：

| 試驗項目 | 試驗結果 | CNS 4940(2016)第二種規範要求值 |
|-----------------------------|-------------|--------------------------|
| 耐鹼性 | 鹼浸漬試驗無異常 | 浸漬於氫氧化鈣飽和溶液 72 小時，無異狀 |
| 耐洗刷性 | 可耐規定次數的洗淨試驗 | 能耐 2000 次之擦洗 |
| 加熱殘分(%) | 60.6 | 45.0 以上 |
| 甲醛釋出量(mg/L) | N.D.(註 2) | 0.12 以下 |
| 揮發性有機化合物(VOC) 最大限量值(g/L) | 30.6 | 最大限量值 200 |
| 有害重金屬可溶性含量(mg/kg) | | |
| a. 鉛(Pb) | n.d. | 90 以下 |
| b. 鎘(Cd) | n.d. | 75 以下 |
| c. 鉻(Cr) | n.d. | 60 以下 |
| d. 汞(Hg) | n.d. | 60 以下 |

註：1. 本試驗報告容器內狀態、研磨細度、塗裝作業性、乾燥時間、塗膜外觀、耐水性、耐鹼性、耐洗刷性、加熱殘分試驗為 TAF 認證範圍，其餘則非。

甲醛釋出量、揮發性有機化合物試驗委託 SGS 超微量工業安全實驗室執行。

重金屬試驗委託 SGS 綜和化學實驗室執行。

2. 甲醛釋出量：定量極限/偵測極限為 0.0290 mg/L；揮發性有機化合物：定量極限為 0.200 g/L；有害重金屬可溶性含量偵測極限為 5mg/kg。

mg/kg = ppm；0.1wt% = 1000ppm；n.d. = Not Detected / 未檢出。

3. 樣品為單液型。

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