

試驗報告



報告編號：KV-17-09636

頁數：1 OF 2

報告日期：107年05月17日

業主：中北塗料企業股份有限公司
 委託單位：中北塗料企業股份有限公司
 地址：台中市豐原區角潭路二段25之1號
 供料廠商：中北塗料企業股份有限公司
 樣品名稱：FUSON(2K)色漆
 送驗人員：中北塗料企業股份有限公司
 收件日期：106年10月02日
 試驗日期：106年10月02日~107年05月17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

試驗結果：

試驗項目	試驗方法	試驗結果
鉛筆硬度-刮傷法	CNS 10757(1995)	3H
附著性(1 mm)	CNS 10757(1995)方格黏帶法	10點
耐衝擊(落球式, 500 g, 500 mm)	CNS 10757(1995)	無龜裂、剝離
耐鹼性(5% 碳酸鈉, 24 h)	CNS 10757(1995)	鹼浸漬試驗無異常(註2)
耐酸性(5% 硫酸, 24 h)		酸浸漬試驗無異常(註2)
耐鹽水性(3% 氯化鈉, 96 h)		氯化鈉溶液浸漬試驗無異常(註3)
耐濕性(50 °C, 95% R.H., 4000 h)	CNS 11607(1995)	耐濕性無異狀(註4)
耐候性(4000 h)		目視外觀無龜裂、剝離、起泡及變色現象
耐候性前後光澤保持率(%)	CNS 10756-1(1994)	90.7
鹽水噴霧試驗(4000 h)	CNS 11607(1995)	目視外觀無銹污、膨脹及剝離現象
氟素樹脂占樹脂含量(%)	註7	73.6

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本報告若有提供規範值，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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試驗結果：

註：1.試驗試片由委託單位製備提供。

2.目視觀察塗膜確認無膨脹、龜裂、脫離、針孔、軟化、生鏽、光澤改變、變色，且浸漬過溶液無著色、混濁，則評定為「鹼(酸)浸漬試驗無異常」。

3.目視觀察塗膜確認無膨脹、生鏽、龜裂以及剝離時，則評定為「氯化鈉溶液浸漬試驗無異常」。

4.目視觀察塗膜確認無皺紋、膨脹、龜裂、生鏽及剝離，並經放置2小時後觀察無霧化、白化及變色時，即評定為「耐濕性無異狀」。

5.加速耐候性試驗條件：

使用光源：氙弧燈

照射強度：0.51 (W/m²·nm) at 340 nm

黑板溫度：(63 ± 3) °C

試驗槽溫度：(42 ± 3) °C

測試週期：102 分鐘照光+18 分鐘照光及噴水

6.鹽水噴霧試驗條件：

鹽液溶液：(5 ± 0.5) W/V %。

試驗室溫度：(35 ± 1) °C。

飽和空氣溫度：(46 ~ 48) °C。

噴霧量(mL/hr/80cm²)：(1.0 ~ 2.0)。

收集鹽霧 PH 值：(6.5 ~ 7.2)。

試片擺放角度：(25 ± 5) °。

7.依委託單位指定方法，試驗以溶劑溶出樹脂，再用高溫爐燃燒以區分出氟聚合物和顏料部分。

8.本試驗報告氟素樹脂占樹脂含量試驗非 TAF 認證範圍。

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