

試驗報告

報告編號：HV-20-05701

頁數：1 OF 4

報告日期：2020年10月05日

星彥塑膠股份有限公司

彰化縣秀水鄉鶴鳴村馬鳴路92號

產品名稱：KT-001,KT-002 BLACK-7210NS*45P

產品型號：PVC PELLET

產品顏色：BLACK

製造廠商：星彥塑膠股份有限公司

送驗廠商：星彥塑膠股份有限公司

收件日期：2020年09月22日

試驗日期：2020年09月22日~2020年10月05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

4.本樣品由SGS材料暨工程實驗室-高雄(申請書號碼：KV-20-06972，

收件日期：2020年08月27日)轉送至本實驗室執行本報告所示之試驗項目。

本實驗室依據顧客所提供之試驗需求與樣品進行試驗，結果說明如下：

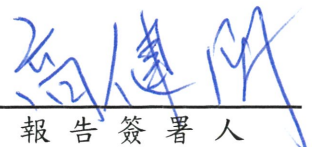
試驗需求：燃燒試驗

試驗方法：請參見附頁

試驗結果：請參見附頁

註：本試驗報告之試驗地點同實驗室地址。

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報告簽署人

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

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燃燒試驗

試驗設備：

名稱	廠牌	型號
150 mm 數位式卡尺	MITUTOYO	500-196-30
Horizon Vertical Flame Chamber	ATLAS	HVUL2

試驗方法：

參考 UL 94 (2013)

Test for Flammability of Plastic Materials for Parts in Devices and Appliances

試驗條件：

調節狀態 1：

溫度 $23 \pm 2^\circ\text{C}$ ，相對濕度 $50 \pm 10\%$ ，至少 48 小時

調節狀態 2：

溫度 $70 \pm 2^\circ\text{C}$ 中 168 \pm 2 小時，室溫乾燥器中至少 4 小時

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試驗結果：

調節狀態 1(溫度 23±2°C，相對濕度 50±10%，至少 48 小時)

試驗項目	試片					#要求值		
	1	2	3	4	5	V-0	V-1	V-2
試片厚度(mm)	3.10	3.11	3.08	3.09	3.10	-	-	-
每一試片餘焰時間 t1(秒)	1.4	0	0	0.7	0	≤10	≤30	≤30
每一試片餘焰時間 t2(秒)	2.4	4.7	7.4	3.3	6.1	≤10	≤30	≤30
每 5 片一組的總餘焰時間(秒) (5 片各個 t1+t2 的總和)	26.0					≤50	≤250	≤250
每一試片第二次點火燃燒後的餘焰加餘燼的時間 t2+t3(秒)	2.4	4.7	7.4	3.3	6.1	≤30	≤60	≤60
任一試片的餘焰或餘燼燒至夾具	否	否	否	否	否	否	否	否
棉花被燃燒顆粒或熔滴物點燃	否	否	否	否	否	否	否	是

調節狀態 2(溫度 70±2°C 中 168±2 小時，室溫乾燥器中至少 4 小時)

試驗項目	試片					#要求值		
	1	2	3	4	5	V-0	V-1	V-2
試片厚度(mm)	3.09	3.11	3.11	3.09	3.09	-	-	-
每一試片餘焰時間 t1(秒)	2.0	0.7	2.5	1.4	1.1	≤10	≤30	≤30
每一試片餘焰時間 t2(秒)	4.0	2.6	4.5	0	2.9	≤10	≤30	≤30
每 5 片一組的總餘焰時間(秒) (5 片各個 t1+t2 的總和)	21.7					≤50	≤250	≤250
每一試片第二次點火燃燒後的餘焰加餘燼的時間 t2+t3(秒)	4.0	2.6	4.5	0	2.9	≤30	≤60	≤60
任一試片的餘焰或餘燼燒至夾具	否	否	否	否	否	否	否	否
棉花被燃燒顆粒或熔滴物點燃	否	否	否	否	否	否	否	是

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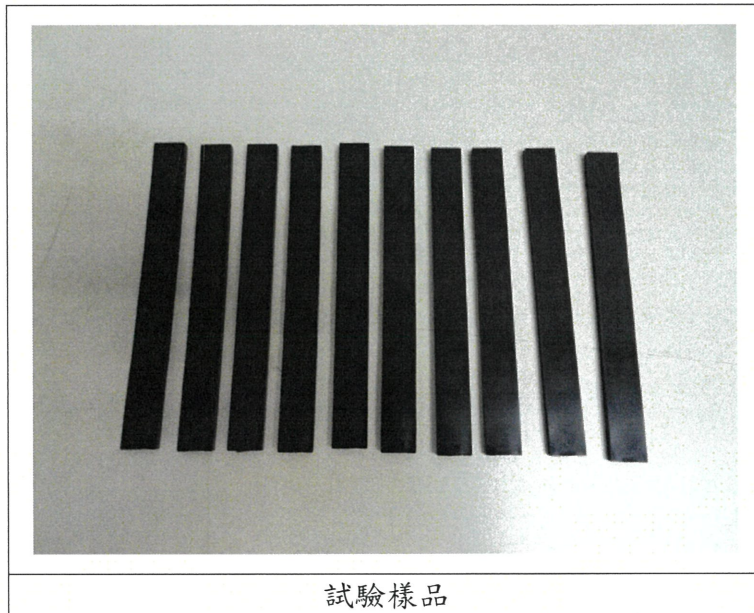


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樣品照片：



試驗樣品

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