

試驗報告



報告編號: KV-19-05202

頁數: 1 OF 2

報告日期: 108年12月25日

委託單位: 南亞塑膠工業股份有限公司

樣品名稱: PVC 隧道防水膠布(膜)

產品顏色: 0Y1/089

送樣廠商 南亞塑膠工業股份有限公司

收件日期: 108年06月18日

試驗日期: 108年06月18日~108年12月25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

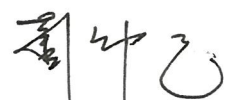
3.下述報告內容標示#處由顧客提供

試驗結果:

試驗項目	試驗方法	試驗結果	#要求值
厚度(mm)	DIN 53370(2006)	2.01	2.0 以上
抗拉強度(N/mm ²)	DIN 53455(1981) (No. 4, V = 500 mm/min)	橫向	20.6
		縱向	23.8
破壞伸長率(%)	DIN 53455(1981) (No. 4, V = 500 mm/min)	橫向	316
		縱向	262
抗壓強度(20 %應變量)(N/mm ²)	參考 DIN 53454(1971) (疊成 10 mm 立方體)	7.43	2.5 以上
抗裂強度(N/mm)	DIN 53363(2003) (V = 100 mm/min)	橫向	151
		縱向	189
防水性(10 bar, 10 小時)		良好	良好
尺度穩定性(%) (80 °C, 6 小時)	DIN 16726(2011)	橫向	+ 0.32
		縱向	- 1.91
吸水率(%) (23 °C, 24 小時)	DIN 53495(1984) Method 1	0.2	1 以下

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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



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試驗結果：

試驗項目	試驗方法	試驗結果	#要求值
耐酸性(6 % H ₂ SO ₃ , 23 °C , 28 天)			
a. 抗拉強度變化率(%)	橫向	+ 1	± 20 以下
	縱向	+ 3	
b. 破壞伸長率變化率(%)	橫向	- 16	± 20 以下
	縱向	- 1	
耐鹼性(飽和 Ca(OH) ₂ , 23°C , 28 天)			
a. 抗拉強度變化率(%)	橫向	- 16	± 20 以下
	縱向	- 9	
b. 破壞伸長率變化率(%)	橫向	- 20	± 20 以下
	縱向	- 15	
耐火性	DIN 4102-1(1998)	B2	B 2 級(含)以上

註：1.本試驗報告抗拉強度、破壞伸長率、抗裂強度、尺度穩定性、吸水率、耐酸性、耐鹼性試驗為 TAF 認證範圍，其餘則非。

2.耐火性試驗委託國立臺灣科技大學材料科學與工程學系執行。

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