

試驗報告



報告編號：KV-19-10327-1

頁數：1 OF 1

報告日期：108 年 12 月 09 日

南亞塑膠工業股份有限公司

產品名稱：南亞 PVC 防水夾網膠皮產品顏色：0Y1/089送驗廠商：南亞塑膠工業股份有限公司收件日期：108 年 11 月 29 日試驗日期：108 年 11 月 29 日~108 年 12 月 09 日產品規範 CNS 10145(2016) 合成聚合物薄片防水膠布(複合薄片-補強複合型)試驗方法 CNS 10145(2016) 合成聚合物薄片防水膠布備註：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	#要求值
搭接拉伸性能	搭接抗拉強度(N/cm)	無處理	515	≥ 240

註：1.實驗室測試環境：溫度(20±2)℃，相對濕度(65±5)%。

2.試片養護條件：溫度(20±2)℃，相對濕度(65±5)%，1小時以上。

3.本試驗報告取代 KV-19-10327，原試驗報告作廢，報告修改日期 108 年 12 月 27 日，更正產品名稱。

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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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Test Report



Report No. : KV-19-10327A-1

Page No. : 1 OF 1

Date of Report : Dec. 09, 2019

NAN YA PLASTICS CORPORATION.

Product Name PVC Waterproof Tarpaulin Leather
Product Color 0Y1/089
Product Submitted By NAN YA PLASTICS CORPORATION.
Date of Sample Received Nov. 29, 2019
Date of Testing Nov. 29, 2019~Dec. 09, 2019
Remark 1.The information mentioned in the above section is provided by Client
 (Exclude Date of Sample Received and Date of Testing)
 2.The following report content marks # is provided by Client

Product Standard : CNS 10145(2016) Synthetic polymer sheets for waterproof

Composite sheet - Reinforced composite type)

Test Method : CNS 10145(2016) Synthetic polymer sheets for waterproof

TEST RESULTS :

Test Item			Test Result	#Requirement
Lap tensile properties	Lap tensile strength(N/cm)	Unprocessed	515	≥ 240

Remark : 1. Laboratory test environment: temperature (20 \pm 2) °C, relative humidity (65 \pm 5)%.2. Test piece curing conditions: temperature (20 \pm 2) °C, relative humidity (65 \pm 5)%, 1 hours.

3. This Test Report is an additional original report of KV-19-10327-1. Issued date : Dec.27,2019.

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The required specification(s) offered in this test report is/are for reference only.
 The conformity judgment is at the Applicant's final verdict.



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試驗報告



報告編號：KV-19-05910-1

頁數：1 OF 1

報告日期：108 年 12 月 09 日

南亞塑膠工業股份有限公司

產品名稱：南亞 PVC 防水夾網膠皮產品顏色：0Y1/089送驗廠商：南亞塑膠工業股份有限公司收件日期：108 年 07 月 11 日試驗日期：108 年 07 月 11 日~108 年 12 月 09 日產品規範：CNS 10145(2016) 合成聚合物薄片防水膠布(複合薄片- 補強複合型)產品規範：CNS 10145(2016) 合成聚合物薄片防水膠布備註：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		#要求值
			長度方向	寬度方向	
拉伸性能	抗拉強度(N/cm)		455	507	≥ 240
	伸長率(%)		29.1	21.5	≥ 15
撕裂性能	直角型撕裂強度(N)		105	122	≥ 50
搭接拉伸性能	搭接抗拉強度(N/cm)	無處理	530		≥ 240

註：1.實驗室測試環境：溫度(20±2)℃，相對濕度(65±5)%。

2.試片養護條件：溫度(20±2)℃，相對濕度(65±5)%，1 小時以上。

3.本試驗報告取代 KV-19-05910，原試驗報告作廢，報告修改日期 108 年 12 月 27 日，更正產品名稱與刪除供應廠商。

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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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報告簽署人

Test Report



Report No. : KV-19-05910A-1

Page No. : 1 OF 1

Date of Report : Dec. 09, 2019

NAN YA PLASTICS CORPORATION.

Product Name PVC Waterproof Tarpaulin Leather
Product Color 0Y1/089
Product Submitted By NAN YA PLASTICS CORPORATION.
Date of Sample Received Jul. 11, 2019
Date of Testing Jul. 11, 2019~Dec. 09, 2019
Remark 1.The information mentioned in the above section is provided by Client
 (Exclude Date of Sample Received and Date of Testing)
 2.The following report content marks # is provided by Client

Product Standard : CNS 10145(2016) Synthetic polymer sheets for waterproof
 Composite sheet - Reinforced composite type)

Test Method : CNS 10145(2016) Synthetic polymer sheets for waterproof

TEST RESULTS :

Test Item			Test Result		#Requirement
			MD	CD	
Tensile properties	Tensile Strength (N/cm)		455	507	≥ 240
	Elongation (%)		29.1	21.5	≥ 15
Tear properties	Right angle tear strength(N)		105	122	≥ 50
Lap tensile properties	Lap tensile strength (N/cm)	Unprocessed	530		≥ 240

Remark : 1. Laboratory test environment: temperature (20 ± 2) °C, relative humidity (65 ± 5)%.
 2. Test piece curing conditions: temperature (20 ± 2) °C, relative humidity (65 ± 5)%, 1 hours.
 3. This Test Report is an additional original report of KV-19-05910-1. Issued date : Dec.27,2019.
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The required specification(s) offered in this test report is/are for reference only.
 The conformity judgment is at the Applicant's final verdict.

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試驗報告



報告編號：KV-19-05909-1

頁數：1 OF 1

報告日期：108 年 11 月 13 日

南亞塑膠工業股份有限公司

產品名稱：南亞 PVC 防水夾網膠皮
產品顏色：0Y1/089
送驗廠商：南亞塑膠工業股份有限公司
收件日期：108 年 07 月 11 日
試驗日期：108 年 07 月 11 日~108 年 11 月 11 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
耐化學性 (23 °C, 24 h)	5 % 硫酸	ASTM D543-14	外觀無明顯變化
	5 % 氫氧化鈉		外觀無明顯變化
耐候試驗(1000 h)			
a.外觀		ASTM G154-16 Cycle 1	無異狀
b.灰色標		ASTM D2616-12	4 ~ 5

註：1.耐候試驗條件：

燈管：UVA - 340

照射能量：0.89 (W/m²·nm)在 340 nm

每一循環條件：(1) 8小時照光；黑板溫度：(60 ± 3) °C;

(2) 4小時冷凝；黑板溫度：(50 ± 3) °C;

2.本試驗報告取代KV-19-05909，原試驗報告作廢，報告修改日期 108年 12月 27日。

修改樣品名稱。

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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

(Handwritten signature)

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Test Report



Report No. : KV-19-05909A-1

Page No. : 1 OF 1

Date of Report : Nov. 13, 2019

NAN YA PLASTICS CORPORATION.

Product Name NAN YA PVC Waterproof Tarpaulin Leather
Product Color 0Y1/089
Product Submitted By NAN YA PLASTICS CORPORATION.
Date of Sample Received Jul. 11, 2019
Date of Testing Jul. 11, 2019~Nov. 11, 2019
Remark 1. The information mentioned in the above section is provided by Client(Exclude Date of Sample Received and Date of Testing)
 2. The following report content marks # is provided by Client

TEST RESULTS :

Test Item	Test Method	Test Result
Chemical resistance	ASTM D543-14	No visual change in appearance
(23 °C , 24 h)		No visual change in appearance
Weather Resistance(1000 h)	ASTM G154-16 Cycle 1 ASTM D2616-12	No abnormality 4 ~ 5
a. Visual inspections		
b. Gray scale		

Remark : 1. Weather Resistance Conditioning :

Lamp : UVB-340

Typical Irradiance : 0.89 (W/m²/nm) at 340 nm

Exposure Cycle : UV exposure 8 h at (60 ± 3) °C ;

Condense 4 h at (50 ± 3) °C

2. This Test Report is an additional original report of KV-19-05909-1. Issued date: Dec. 30 2019.

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