

試驗報告



報告編號：TK-25-03878

頁數：1 OF 2

報告發行日期：114年07月25日

政順電機材料有限公司

產品名稱：鋁製直式電纜線架
 產品型號：W300×H100×2.0tmm
 產品顏色：鋁本色(陽極處理)
 送驗廠商：政順電機材料有限公司
 收件日期：114年06月30日
 試驗日期：114年06月30日~114年07月23日
 備註：1.以上資料(會驗廠商、試驗方法、試驗數量、收件日期及試驗日期除外)及
 下述報告內容標示#處係由顧客提供
 2.除非另有說明，此報告結果僅適用於收取之試驗件
 未經本公司事先書面同意，此報告不可部分複製

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：1.載重撓度試驗

2.膜厚試驗

3.成份分析

產品規範：CNS 13303:2005 級別 1.5A, CNS 2257:2009 6063

試驗方法：1.CNS 13303:2005

2.CNS 8406-2:2010

3.ASTM E1251-24

試驗結果：

載重撓度試驗

#樣品名稱	跨距 m	#級別	#容許載重 kg/m	撓度試驗載重 kg/m	撓度(平均值) mm
鋁製直式電纜線架 W300×H100×2.0tmm	1.5	1.5A	100	150	2.3
#規範要求	1.5	1.5A	100	150	≤10

#試件名稱	陽極氧化膜厚
	μm
鋁製直式電纜線架 W300×H100×2.0tmm	15
#顧客要求值	≥10

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本報告若有提供規範值時，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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試驗報告



報告編號：TK-25-03878

頁數：2 OF 2

報告發行日期：114 年 07 月 25 日

試驗結果：

成份分析

#試件名稱	Si %	Fe %	Cu %	Mn %	Mg %	Cr %	Zn %	Ti %	Al %
鋁製直式電纜線架 W300×H100×2.0tmm	0.39	0.11	n.d.	0.01	0.53	0.001	0.01	0.01	98.93
#規範要求	0.20~0.6	≤0.35	≤0.10	≤0.10	0.45~0.9	≤0.10	≤0.10	≤0.10	餘量

備註：1. 鋁 Al 含量係以 100%減去其餘元素之和計算之。

2. 本試驗報告載重撓度、膜厚、化學成份(元素 Si、Fe、Mg)試驗為 TAF 認證範圍，其餘則非。

3. n.d.=Not Detected/未檢測出。

4. 樣品描述:金屬線槽。

5. 本實驗室執行試驗之地點同實驗室地址。

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TEST REPORT



Report No. : TK-25-03878A

Page No. : 1 OF 2

Issuance Date : Jul. 25, 2025

Reissuance Date : Jul. 25, 2025

JNS Automation Ltd.

Product Name 鋁製直式電纜線架
 Product Type W300×H100×2.0tmm
 Product Color 鋁本色(陽極處理)
 Product Submitted By JNS Automation Ltd.
 Date of Sample Received Jun. 30, 2025
 Date of Testing Jun. 30, 2025~Jul. 23, 2025
 Remark The information mentioned in the above section and the following report content marks # are provided by Client.
 (Exclude Test Witnessed By, Test Method, Number of test, Date of Sample Received and Date of Testing)

=====

The laboratory tests according to the test requests and samples provided by client, and the results are as follows:

Test Request : 1.Load Deflection Test

2.Film thickness test

3.Chemical Analysis

Product Specification : CNS 13303:2005 level 1.5A ,CNS 2257:2009 6063

Test Method : 1.CNS 13303:2005

2.CNS 8406-2:2010

3.ASTM E1251-24

Test Result:

Load Deflection Test

#Sample Name	Span mm	#Level	#Allowable load kg/m	Deflection test load kg/m	Deflection-Average mm
鋁製直式電纜線架 W300×H100×2.0tmm	1.5	1.5A	100	150	2.3
#Requirement	1.5	1.5A	100	150	≤ 10

#Sample Name	Aluminum Oxide Film coating thickness
	μm
鋁製直式電纜線架 W300×H100×2.0tmm	15
#Customized requirements	≥ 10

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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.

Signed for and on behalf of

SGS Taiwan Ltd.

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TEST REPORT



Report No. : TK-25-03878A

Page No. : 2 OF 2

Issuance Date : Jul. 25, 2025

Reissuance Date : Jul. 25, 2025

Test Result:

Chemical Analysis

#Sample Name	Si %	Fe %	Cu %	Mn %	Mg %	Cr %	Zn %	Ti %	Al %
鋁製直式電纜線架 W300×H100×2.0tmm	0.39	0.11	n.d.	0.01	0.53	0.001	0.01	0.01	98.93
#Requirements	0.20~0.6	≤0.35	≤0.10	≤0.10	0.45~0.9	≤0.10	≤0.10	≤0.10	Rem.

Remark: 1. The Al content shall be calculated by subtracting from 100 % the sum of all metallic elements.

2. Load Deflection, Film thickness and Chemical Analysis (Elements Si, Fe and Mg) tests are accredited by TAF.

3. n.d.=Not Detected.

4. Item Description: Metal duct.

5. The testing site is the same as the laboratory address.

6. This Test Report is an additional original report of TK-25-03878. Issued date : Jul. 25, 2025.

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The conformity judgment is at the Applicant's final verdict.

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