

## 試驗報告



報告編號：TK-25-03876

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：鋁製直式線槽  
 產品型號：W300×H100×1.6tmm  
 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 2253:2009 1060

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
鋁製直式線槽 W300×H100×1.6tmm	1.5	1.5A	100	150	3.1
#規範要求	1.5	1.5A	100	150	≤10

#試件名稱	陽極氧化膜厚
	μm
鋁製直式線槽 W300×H100×1.6tmm	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-25-03876

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	Zn	V	Ti	Al
	%	%	%	%	%	%	%	%	%
鋁製直式線槽 W300×H100×1.6tmm	0.05	0.19	0.001	0.01	0.001	0.008	0.012	0.018	99.71
#規範要求	≤0.25	≤0.35	≤0.05	≤0.03	≤0.05	≤0.05	≤0.05	≤0.03	≥99.60

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 Fe)試驗為 TAF 認證範圍，其餘則非。

3. 樣品描述: 金屬線槽。

4. 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-25-03876A

Page No. : 1 OF 2

Issuance Date : Jul. 25, 2025

Reissuance Date : Jul. 25, 2025

JNS Automation Ltd.

Product Name 鋁製直式線槽  
 Product Type W300×H100×1.6tmm  
 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 2253:2009 1060

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
鋁製直式線槽 W300×H100×1.6tmm	1.5	1.5A	100	150	3.1
#Requirement	1.5	1.5A	100	150	≤ 10

#Sample Name	Aluminum Oxide Film coating thickness
	μm
鋁製直式線槽 W300×H100×1.6tmm	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-25-03876A

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 %	Zn %	V %	Ti %	Al %
鋁製直式線槽 W300×H100×1.6tmm	0.05	0.19	0.001	0.01	0.001	0.008	0.012	0.018	99.71
#Requirements	≤0.25	≤0.35	≤0.05	≤0.03	≤0.05	≤0.05	≤0.05	≤0.03	≥99.60

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 Fe) tests are accredited by TAF.  
 3. Item Description: Metal duct.  
 4. The testing site is the same as the laboratory address.  
 5. This Test Report is an additional original report of TK-25-03876. Issued date : Jul. 25, 2025.  
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 The conformity judgment is at the Applicant's final verdict.

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