

試驗報告



報告編號: HK-26-00935

頁數: 1 OF 2

報告發行日期: 115 年 03 月 12 日

委託單位: 九州鋁業股份有限公司
 地址: 新竹縣新豐鄉上坑村 11 鄰坑子口 439 號
 樣品名稱: 鋁件x3 件
 送驗人員: 九州鋁業股份有限公司(黃柏瑋)
 收件日期: 115 年 02 月 24 日
 試驗日期: 115 年 02 月 24 日~115 年 03 月 12 日
 產品規範: 依客戶提供試驗項目及要求實施之-CNS 2257:1982 6105-T5,
 CNS 2068:1987 6105,CNS 2257:2009 6063-T5/6061-T6
 試驗方法: CNS 2111:1996,CNS 2115:1983,
 自訂方法 文件編號:TESP-MEP-M-055-1(1.4) 參考 ASTM E1251-17a
 備註: 1.以上資料(會驗人員、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

試驗結果:

#樣品名稱	降伏強度 (0.2% offset)	抗拉強度	伸長率(%)
-	kgf/mm ²	kgf/mm ²	G.L.=50mm
鋁件(CW0532)	24	26	12
#規範值(6105-T5)	24 以上	25 以上	10 以上

#樣品名稱	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Al
-	%	%	%	%	%	%	%	%	%
鋁件(CW0532)	0.8	0.17	0.07	0.03	0.59	0.02	0.01	0.04	98.30
#規範值(6105)	0.6 ~1.0	0.35 以下	0.10 以下	0.10 以下	0.45 ~0.8	0.10 以下	0.10 以下	0.10 以下	餘量

規範要求值僅供參考,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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試驗結果：

#樣品名稱	降伏強度 (0.2% offset)	抗拉強度	伸長率(%)	硬度值
-	N/mm ²	N/mm ²	G.L.=50mm	Hv(5)
鋁件(610S)	195	213	13	74
#規範值(6063-T5)	110 以上	150 以上	8 以上	58 以上

#樣品名稱	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Al
-	%	%	%	%	%	%	%	%	%
鋁件(610S)	0.40	0.15	0.01	0.03	0.48	<0.01	<0.01	0.02	98.90
#規範值(6063)	0.20 ~0.6	0.35 以下	0.10 以下	0.10 以下	0.45 ~0.9	0.10 以下	0.10 以下	0.10 以下	餘量

#樣品名稱	降伏強度 (0.2% offset)	抗拉強度	伸長率(%)
-	N/mm ²	N/mm ²	G.L.=50mm
鋁件(CWC0046)	302	323	15
#規範值(6061-T6)	245 以上	265 以上	10 以上

#樣品名稱	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Al
-	%	%	%	%	%	%	%	%	%
鋁件(CWC0046)	0.53	0.2	0.23	0.08	0.8	0.10	0.15	0.02	97.85
#規範值(6061)	0.40 ~0.8	0.7 以下	0.15 ~0.40	0.15 以下	0.8 ~1.2	0.04 ~0.35	0.25 以下	0.15 以下	餘量

*本試驗報告之化學成份(Si,Fe,Mn,Mg,Ti)為本實驗室 TAF 認證範圍，其餘則非。

註：1.樣品描述：鋁型材。

2.本實驗室執行試驗之地點同實驗室地址。

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規範要求值僅供參考，合格之判定以委託單位實際要求為準。

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