

# 检测报告 Test Report



报告编号: A220018956310100001ER1

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委托单位: 田信科技(无锡)有限公司

Customer: TOKO TECHNOLOGY(WUXI) CO.,LTD

地址: 无锡惠山中威国际大厦 2-21 楼

Address: 2-21F,ZHONGWEI INT' L BLDG., HUIZHAN EDZ, WUXI, CHINA

以下测试之样品及样品信息由申请者提供并确认

The above sample(s) was/were submitted and identified on behalf of the client as:

样品名称 Sample Name 铝弧焊焊丝/Aluminium arc welding wire

零件号 Part No. /

材质 Material type /

生产日期 Production date /

买家 Buyer /

样品状态 State 成品 Finished products

样品接收日期 2020.06.22

Sample Received Date Jun. 22, 2020

样品检测日期 2020.06.22-2020.06.28

Testing Period Jun. 22, 2020-Jun. 28, 2020

检测项目 Test Item : 请参见下页 Please refer to the following pages

检测依据 Test Method : 请参见下页 Please refer to the following pages

检测结果 Test Result : 请参见下页 Please refer to the following pages

签发  
Approved by

日期  
Date

2020.07.02  
July. 02, 2020

Bruce Jin  
Technical Manager  
技术经理

No. R781075DD0

上海华测品正技术有限公司  
Centre Testing International (Shanghai) Co., Ltd.

上海市闵行区新骏环路 777 号 5 号楼  
Building 5, No. 777, Xinjun Ring Road, Minhang District, Shanghai, China

检验检测专用章  
Inspection & Testing Services

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### 样品信息表 Sample information table

序号 NO.	样品名称 Sample Name	零件号 Part Number	检测项目 Test Items	样品编号 Sample Number	送样数量 Sample Quantity
1	铝弧焊焊丝 /Aluminium arc welding wire	/	化学成分 Chemical component	A2200189563101001-001	1
2	铝弧焊焊丝 /Aluminium arc welding wire	/	拉伸性能 Tensile Properties	A2200189563101001-001	1

\*\*\*待续 To be continued\*\*\*

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### 结果汇总 Summary of results

序号 No.	检测项目 Test Item	检测方法 Test Method	检测结果 Test Results	结论 Conclusion	
1	化学成分 Chemical Composition (%)	GB/T 20975.25-2008	Si	0.02	N/A
			Fe	0.13	N/A
			Cu	<0.01	N/A
			Mn	0.14	N/A
			Mg	4.91	N/A
			Cr	0.10	N/A
			Zn	<0.01	N/A
			Ti	0.07	N/A
			Be	<0.01	N/A
Al	余量 Remainder	N/A			
2	拉伸性能 Tensile Properties	GB/T 228.1-2010	抗拉强度 Tensile Strength: 437/N/mm <sup>2</sup>	N/A	

备注:

合格: 符合要求

不合格: 不符合要求

N/A: 不应用于判定或不适用

Note:

Pass: Meet the requirements

Fail: Does not meet the requirements

N/A: Not apply to the judgment or Not applicable

\*\*\* 待续 To be continued\*\*\*

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## 1. 检测项目 Test Item: 化学成分 Chemical Composition

(1) 检测环境条件 Environmental Conditions: 温度 Temperature: 24.1℃; 湿度 Humidity: 57%RH

(2) 检测设备 Test Equipment:

序号 No.	名称 Name	型号 Model	设备编号 Equipment No.	校准有效期 Valid Date to
1	电感耦合等离子体发射光谱仪 ICP-OES	iCAP 6300MFC Radial	TTE20110348	2020.07.16

(3) 检测方法 Test Method: GB/T 20975.25-2008

(4) 评价依据 Evaluation Basis: /

(5) 样品描述 Sample description: 银色线材 Silver wire

(6) 检测数量 Test Quantity: 1pc

(7) 检测结果 Test Results: (%)

样品编号 Sample No.	检测项目 Test Item	检测结果 Test Result
A2200189563101001-001-#1	Si	0.02
	Fe	0.13
	Cu	<0.01
	Mn	0.14
	Mg	4.91
	Cr	0.10
	Zn	<0.01
	Ti	0.07
	Be	<0.01
	Al	余量 Remainder

\*\*\* 待续 To be continued\*\*\*



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## 检测样品照片 Photo of the test sample



A2200189563101001-001

原样 Original sample



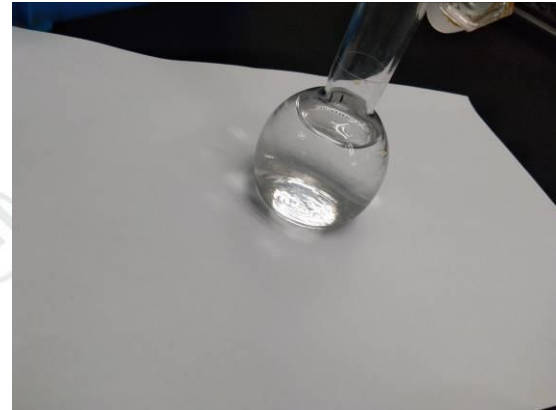
A2200189563101001-001-#1

化学检测前 Before chemical test



A2200189563101001-001-#1

化学检测中 During chemical test



A2200189563101001-001-#1

化学检测后 After chemical test

\*\*\* 待续 To be continued\*\*\*

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### 2. 检测项目 Test Item: 拉伸性能 Tensile properties

(1) 检测环境条件 Environmental Conditions: 温度 Temperature: 24.5°C; 湿度 Humidity: 65%RH

(2) 检测设备 Test Equipment:

序号 No.	名称 Name	型号 Model	设备编号 Equipment No.	校准有效期 Valid Date to
1	万能材料试验机 Universal Material Testing Machine	CMT4304	TTE20120275	2020.07.16

(3) 检测方法 Test Method: GB/T 228.1-2010

(4) 评价依据 Evaluation Basis: /

(5) 样品描述 Sample description: 银色线材 Silver wire

(6) 检测数量 Test Quantity: 1pc

(7) 检测条件 Test Conditions:

1) 试样类型 Type of specimen: 铝焊丝 Aluminium welding wire

2) 取样方向 Sample direction: 轴向 Axial direction

3) 测试速度 Test speed: 24mm/min

(8) 检测结果 Test Results:

样品编号 Sample No.	抗拉强度 Tensile Strength $R_m$ (N/mm <sup>2</sup> )
A2200189563101001-001-#2	437

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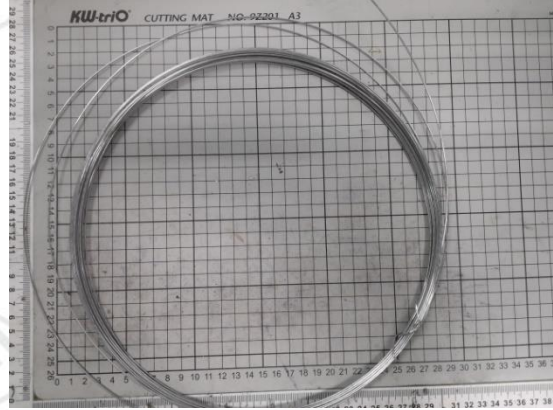
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## 检测样品照片 Photo of the test sample



A2200189563101001-001-#2

原样 Original sample



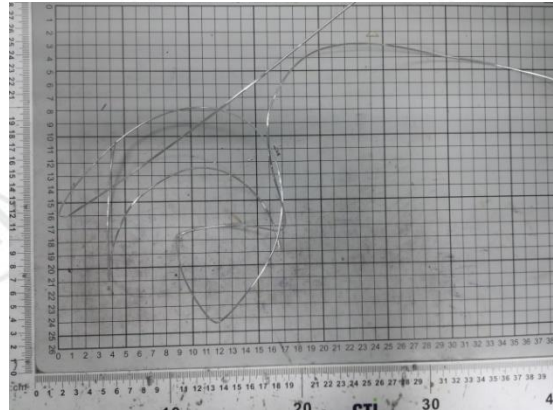
A2200189563101001-001-#2

拉伸测试前 Before tensile test



A2200189563101001-001-#2

拉伸测试中 During tensile test



A2200189563101001-001-#2

拉伸测试后 After tensile test

\*\*\* 待续 To be continued\*\*\*



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备注：1. 此报告所有/部分项目不在 CMA 资质认定范围内，出具的数据结果供科研、教学、企业内部质量控制企业产品研发等目的用。

2. 本报告替换报告 A220018956310100001E。A220018956310100001E 作废。

3. 此次更改内容为 Mg 元素数据。

Note: 1. Indicates the item(s)/method(s) is (are) not in CMA accreditation scope, the testing date and result is just for scientific research, education, internal quality control and product development etc.

2. This report replaced report A220018956310100001E. Report A220018956310100001E is terminated.

3. This change is the test result of Mg.

\*\*\* 报告结束 End of Report\*\*\*

检测报告无批准人签字及“检测检验专用章”无效，本报告检测结果仅对受测样品负责。未经 CTI 书面同意，不得部分复制本报告。The test report is effective only with both signature and inspection & Testing service stamp. The result(s) shown in this report refer only to the sample(s) tested. Without written approval of CTI, this report can't be reproduced except in full.



# 检测报告

报告编号: SZC2007073112001Z01

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委托单位: 田信科技(无锡)有限公司  
Applicant: TOKO TECHNOLOGY(WUXI) CO.,LTD

地 址: 无锡惠山中威国际大厦 2-21 楼  
Address: 2-21F/,ZHONGWEI INT'L BLDG., HUIZHAN EDZ, WUXI, CHINA

样品信息:  
Sample information:

样品名称: 铝合金焊丝  
Sample Name: Aluminium alloy wire

规格型号: 1.2MM  
Model / Type:

样品编号: ER5356  
Sample No. :

供 应 商: TOKO  
Supplier:

制 造 商: -----  
Manufacturer:

接收日期: 2020-07-12  
Received Date:

检测日期: 2020-07-12  
Testing Date:

签发日期: 2020-07-15  
Issue Date:

检测 Tested by: 邓劲松 审核 Inspected by: 李涛 批准 Approved by: \_\_\_\_\_  
授权签字人 Authorized Signatory



公司名称: 深圳市华测量技术有限公司

The name of company: CTI Metrology Technology Co.,Ltd

公司地址: 广东省深圳市宝安区新安街道留仙三路 4 号华测检测大楼

The address of company: CTI Building, NO.4, Liuxian 3rd Road, Xin'an Street, Bao'an District Shenzhen, P.R China

# 检测报告

报告编号: SZC2007073112001Z01

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检测技术依据 Reference documents for the test:

《GB/T 3177-2009 产品几何技术规范 (GPS) 光滑工件尺寸的检验》

《GB/T 3177-2009 Geometrical Product Specifications(GPS) smooth workpiece size inspection》

检测项目 Test Item: 1、基本尺寸 Basic dimension.

样品来源 Sample Source: 客户送检 Customer submittal for inspection..

检测结果 Test Results: 详见附页 Please see attached sheets.

检测地点、环境条件 Place and environment condition during test:

地点 Place: CTI 尺寸实验室 CTI Measurement Lab 温度 Temperature: 21℃ 相对湿度 RH: 70%

检测所使用的检测设备

Main measure equipments used in the test:

设备名称/型号 Name of Equipment /Model	编 号 Serial No.	证书号/有效期 Certificate No. /Due Date	计量特性 Technical Characteristic
三坐标(CMM) /(1200×2200×1000)mm	8009132	AT1911183701SLK-39 /2020-12-05	$U=(1.5+3L/1000)\mu\text{m}$ L-mm, $k=2$
数显千分尺(MM) /(0~25)mm	17215925	AT1911183701SLK-26 /2020-11-28	$U=1\mu\text{m}, k=2$

# 检测报告

报告编号: SZC2007073112001Z01

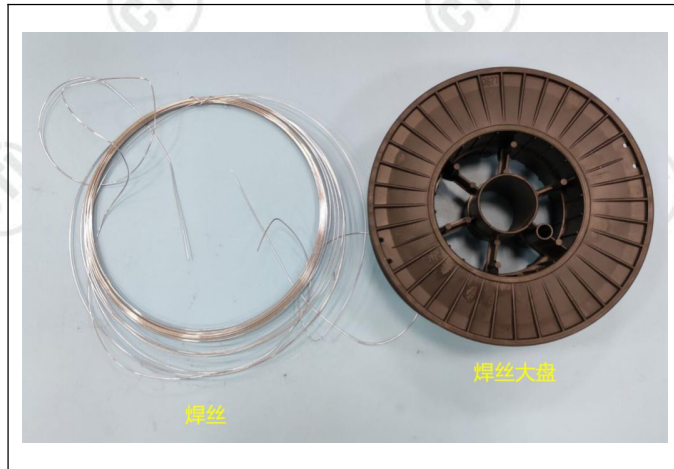
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## 1、测试结果 Test Results:

单位 Unit:毫米 mm

编号 Item No.	规格 Normal	上公差 Upp Tol.	下公差 Low Tol.	测试设备 Equipment	结果 Results	备注 Remarks
1	270	--	--	CMM	269.5258	大盘直径
2	88	--	--	CMM	89.5125	大盘厚度
3	52	--	--	CMM	52.7419	大盘轴孔直径
4	1.2	--	--	MM	1.201	焊丝直径

## 2、测试照片 Testing pictures:



\*\*\*\*\* 报告结束 End of report \*\*\*\*\*

### 声明:

Statement:

**1:** 检测报告无批准人签字及“报告专用章”无效, 本报告检测结果仅对受测样品负责。未经 CTI 书面同意, 不得部分复制本报告, 本报告内容仅供科研、教学、内部质量控制之用。The test report is effective only with both signature and specialized stamp. The result(s) shown in this report refer only to the sample(s) tested. Without written approval of CTI, this report can't be reproduced except in full. This report is for scientific research, teaching and internal quality control only.

**2:** 如检测报告中的英文内容与中文内容有差异, 以中文为准。

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