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# 检测报告

## Test Report

报告编号/Report No.: B24WT242586  
报告日期/Report Date: 2025-02-24

页码/Page: 1 / 2  
受控号/Control No.: XAHT-JS-58

样品名称: 钛丝  
Sample Name  
样品规格:  $\Phi 6\text{mm}$   
Sample Size  
炉批号: MT24-156#  
Heat/Lot No.  
热处理制度: /  
Heat Treatment  
其他说明: /  
Other Description

委托人: [REDACTED]  
Client  
委托类别: 委托检测  
Category Entrusted Test  
型号/牌号: Ti6Al4VELI  
Grade  
样品状态: M  
Sample State

以上信息及样品由客户提供，公司不承担证实客户提供信息的真实性、准确性和/或完整性的责任。  
The above information and samples are provided by the customer, and the company does not assume the responsibility to verify the authenticity, accuracy and/or completeness of the information.

收样日期: 2025-02-23  
Receipt Date  
检测日期: 2025-02-23~2025-02-24  
Test Date  
检测项目: 室温拉伸  
Test Items  
检测方法: ASTM E8/E8M-24  
Test Methods  
样品描述: 丝状  
Sample Description  
判定标准: ASTM F136-13 ISO 5832-  
Criterion

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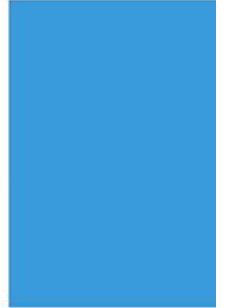
页码/Page:

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### 1、室温拉伸 Tension Test at Room Temperature

| 项目信息<br>Items Information                      |     | 样品编号 Sample Number |   |   |   | 检测方法<br>Test Method |
|--|-----|--------------------|---|---|---|---------------------|
|  |     | /                  | — | — | — |                     |
| 抗拉强度(UIS)<br>Tensile Strength                  | MPa | 1062               | — | — | — | ASTM E8/E8M-24      |
| 屈服强度(0.2%偏置)<br>Yield Strength,0.2 %<br>Offset | MPa | 920                | — | — | — | ASTM E8/E8M-24      |
| 断后伸长率(A <sub>4D</sub> )<br>Elongation in A4D   | %   | 16.0               | — | — | — | ASTM E8/E8M-24      |
| Z<br>Percentage reduction<br>of area           | %   | 47                 | — | — | — | ASTM E8/E8M-24      |
| 备注 Remark                                      | /   |                    |   |   |   |                     |

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# 检测报告

## TEST REPORT

报告编号: TZ2024-49881  
Report No.

委托单位:  
Consignor

样品名称:  
Sample name

检测类别:  
Test Category

报告日期:  
Report Date

钛棒

委托检测(Consigned Test)

2025.02.24

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Test Report

|   |  |                    |                            |   |            |
|---|--|--------------------|----------------------------|---|------------|
| 委托单位<br>Consignor   |  |                    |                            | 委托日期<br>Consign date                                    | 2025.02.23 |
| 委托单位地址<br>Address   |  |                    |                            | 检测日期<br>Test date                                       | 2025.02.24 |
| 样品名称<br>Sample name   | 钛棒   | 牌 号<br>Designation | Ti6Al4VELI                 | 状 态<br>Condition  | M          |
| 锭/批号<br>Ingot/Lot No.   | MT24-156#  | 规 格<br>Size        | Φ6mm                       | 样品数量<br>Sample quantity                                 | 1          |
| 产品标准<br>Product standards   | ASTM F136/ISO 5832-3   |                    | 样品描述<br>Sample description | 样品满足检测要求<br>The samples meet the requirement of testing |            |
| 热处理制度<br>Heat treatment   | /  |                    | 备 注<br>Note                | /   |            |
| <b>高倍组织 (microstructure)</b>  |  |                    |                            |   |            |
| 试样编号<br>Sample No.  | 1  |                    |                            | 检测方法<br>Test methods                                    |            |
| 高倍组织  | α+β 两相区加工组织, 原始 β 晶界处没有连续的 α 网络, 在转变 β 基体上的等轴 α 组织。符合 ISO 20160:2006 附录 A 中 A1 级 |                    |                            | ISO 20160:2006/SAE AMS 2643F                            |            |
| 备注 NOTE:/   |  |                    |                            |   |            |
|  |  |                    |                            |   |            |
| TZ2024-49881-01 1 Ti6Al4VELI 200×   |  |                    |                            |   |            |
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