

Manufacturer's Mechanical
Mill Certificate

EN10204 3.1 质量证明书
EN10204 3.1 QUALITY CERTIFICATE



证书编号 (Certificate No.): 20180710106

| | | | | | | | | | | | | | |
|------------------------------|---|------------------------------|---|--------------------------|--------------------------------------|---------------------------------|--------------------------|-----------------------------------|----------------------------|----------------|--------|------|-----------------|
| 合同号 Contract No. | 产品名称 Commodity | 牌号 Designation No. | 批号 Lot No. | 锭号 Heat No. | 状态 Condition | 规格 Size (mm) | 数量 (pc) Quantity (pc) | 净重 (kg) Net Weight | 技术标准 Specification | 箱号 Case No. | | | |
| G796 | Titanium Bars | Grade 5 | | TY1805-534134 | Annealed | Dia 0.625" x Length 9' - 12' | 268 | 784.0 kg | ASTM B348 Gr.5 Rev.2013 | #20 - #22 | | | |
| 室温力学性能 Tensile Properties | 试样状态 Sample Condition | Tensile Strength [MPa] | 屈服强度 Yield Strength 0.2% [MPa] | 延伸率 Elongation [%] | 断面收缩率 Reduction of area [%] | 杯突值 HB (D) [mm] | 弯曲试验 Bend Test | 杯突值 IE Impact Strength [mm] | | | | | |
| M | | 990 | 921 | 18.0 | 44 | | | | | | | | |
| 其它 Others | 外形尺寸 Dimensional Inspection | 表面质量 Visual Inspection | 探伤检验 Ultrasonic Inspection | 低倍组织 Macrostructure | 高倍组织 Microstructure | 水压试验 Hydraulic | 压扁试验 Flattening | 扩展试验 Flaring | 展平试验 Flattening | | | | |
| | Acceptable | Acceptable | Acceptable | | | | | | | | | | |
| 部位 Location | 化学成份 | | | | | | | | | | | | |
| Top | TI | | | | | Al | V | Fe | C | N | H | O | 其它元素 (others) |
| Bottom | Base Remanufact | | | | | 5.8 | 3.8 | 0.12 | 0.03 | 0.02 | 0.002* | 0.11 | 单个 (Each) < 0.1 |
| 备注 Notes | The ultrasonic inspection was done as per AMS2631 Rev E Class A. The bars were annealed at 730°C for 1.5 hours. * H tested on final diameter. | | | | | | | | | | | | |

经办人 (Inspector): 王明娟

审核 (Auditor):



日期 (Date)