

Manufacturers Mechanical
Mill Certificate

EN10204 3.1 质量证明书
EN10204 3.1 QUALITY CERTIFICATE



证书编号 (Certificate No.): 2014031002

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|--|--|----------------------------------|----------------------------------|---------------------------------|------------------------|--------------------------------------|-------------------------------------|-----------------------|----------------------------|-----------------------|-----------------------------------|---------------------------------|
| 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. | | |
| 5539 | Titanium Bars | Grade 2 | | T502-2-1325 | Annealed | Dia 0.625" x Length 2500 - 3600mm | 361 | 924.8 kg | ASTM B348 Gr.2 Rev.2010 | #14 - #17 | | |
| 室温力学性能 Room Temperature Mechanical Properties | 试样状态 Sample Condition | Tensile Strength [MPa] | σ_b 455 | Yield Strength 0.2% [MPa] | $\sigma_{0.2}$ 330 | Elongation δ_5 [%] | Reduction of area [ψ %] | [J/cm ²] | HB (d) [mm] | 弯曲 试验 Bend Test | 杯突值 IE Impact Strength [mm] | |
| | | | | | | | | | | | | M |
| 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 | 展开试验 Fairing | | | |
| | Acceptable | Acceptable | Acceptable | | | | | | | | | |
| | 部位 Location | 化学成份 Chemical Composition (%) | | | | | | | | | | |
| Top | Ti | 基 Remainder | | | | | Fe | C | N | H | O | 其它元素 (others) 单个 (Each) <0.1 |
| Bottom | 基 Remainder | | | | | | 0.032 | 0.021 | 0.017 | 0.001* | 0.10 | 总和 (Total) <0.4 |
| 备注 Note | The ultrasonic inspection was done as per AMS2631B Class A. * H tested on final diameter. | | | | | | | | | | | |

经办人 (Inspector): 王明辉

审核 (Auditor):

检验专用章

Stamp 2014年3月10日 (Date)

