

Manufacturers Mechanical  
Mill Certificate

EN10204 3.1 质量证明书  
EN10204 3.1 QUALITY CERTIFICATE



证书编号 (Certificate No.): 20180516D4

|                        |   |                              |                                  |                        |                                 |                                   |                             |                       |                            |                       |                                   |
|------------------------|---|------------------------------|----------------------------------|------------------------|---------------------------------|-----------------------------------|-----------------------------|-----------------------|----------------------------|-----------------------|-----------------------------------|
| 合同号<br>Contract No.    | 产品名称<br>Commodity   | 牌号<br>Designation No.        | 批号<br>Lot No.                    | 锭号<br>Heat No.         | 状态<br>Condition                 | 规格<br>Size (mm)                   | 数量 (pc)<br>Quantity (pc)    | 净重 (kg)<br>Net Weight | 技术标准<br>Specification      | 箱号<br>Case No.        |                                   |
| 6753                   | Titanium Bars   | Grade 2                      |                                  | TY1801-501011          | Annealed                        | Dia 0.750" x<br>Length 96" - 145" | 146                         | 594.0 kg              | ASTM B348 Gr.2<br>Rev.2013 | #10, #11              |                                   |
| 室温力学性能<br>Tensile Test | 试样状态<br>Sample Condition  | M                            | Tensile Strength<br>[MPa]        | $\sigma_b$             | Yield Strength<br>0.2%<br>[MPa] | Elongation<br>[%]                 | Reduction of<br>area<br>[%] | $\sigma_{ak}$         | HB (d)                     | 弯曲<br>试验<br>Bend Test | 杯突值 IE<br>Impact Strength<br>[mm] |
|                        |   |                              |                                  | 525                    |                                 |                                   |                             |                       |                            |                       |                                   |
| 其它<br>Others           | 外形尺寸<br>Dimensional<br>Inspection   | 表面质量<br>Visual<br>Inspection | 探伤检验<br>Ultrasonic<br>Inspection | 低倍组织<br>Macrostructure | 高倍组织<br>Microstructure          | 水压试验<br>Hydraulic                 | 压扁试验<br>Flattening          | 扩展试验<br>Flaring       | 展平试验<br>Fairing            |                       |                                   |
| 部位<br>Location         | 化学成份<br>Chemical Composition (%)  |                              |                                  |                        |                                 |                                   |                             |                       |                            |                       |                                   |
| Top                    | Ti  |                              |                                  |                        |                                 |                                   |                             |                       |                            |                       |                                   |
| Bottom                 | 基<br>Remainder  |                              |                                  |                        |                                 |                                   |                             |                       |                            |                       |                                   |
| 备注<br>Note             | The ultrasonic inspection was done as per AMS2631 Rev.E Class A.<br>The bars were annealed under temperature 650 °C for 1.5 hours.<br>* H tested on final diameter. |                              |                                  |                        |                                 |                                   |                             |                       |                            |                       |                                   |

经办人 (Inspector): 王明娟

审核 (Auditor):

检验员  
Stamp: 2018年5月16日  
(Date)

