

Manufacturers Mechanical
Mill Certificate

EN10204 3.1 质量证明书
EN10204 3.1 QUALITY CERTIFICATE



证书编号 (Certificate No.): 20190517D3

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.
7060	Titanium Bars	Grade 5		TY1811-534264	Annealed	Dia 0.4375" x Length 108" - 145"	235	368.0 kg	ASTM B348 Gr.5 Rev.2013	#10, #11
室温力学性能 Tensile Test	试样状态 Sample Condition	Tensile Strength [MPa]	Yield Strength 0.2% [MPa]	Elongation [%]	Reduction of area [%]	ak [J/cm ²]	HB (d) [mm]	弯曲试验 Bend Test	杯突值 IE Impact Strength [mm]	
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 Fairing	
部位 Location	化学成份									
Top	Ti	Al	V	Fe	C	N	H	O	其它元素 (others)	
Bottom	Base Remainder	6.28	3.94	0.082	0.018	0.011	0.002*	0.144	单个 (Each) < 0.1	
备注 Note	Base Remainder	6.29	4.27	0.028	0.015	0.004	0.002*	0.132	总和 (Total) < 0.4	

The ultrasonic inspection was done as per AMS2631 Rev.E Class A.
The bars were annealed at 750°C for 1.5 hours.
* H tested on final diameter.

经办人 (Inspector): 王明娟

审核 (Auditor):



用章
日期 (Date)