

Manufacturers Mechanical
Mill Certificate

EN10204 3.1 质量证明书
EN10204 3.1 QUALITY CERTIFICATE



证书编号 (Certificate No.): 20190617D3

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.			
7099	Titanium Bars	Grade 5		TY1903-534013	Annealed	Dia 0.625" x 108" - 145" R/L	268	777.0 kg	ASTM B348 Gr.5 Rev.2013	#5 - #7			
室温力学性能 Tensile Test	试样状态 Sample Condition	σ_b Tensile Strength [MPa]	$\sigma_{0.2}$ Yield Strength 0.2% [MPa]	δ_5 Elongation [%]	ψ Reduction of area [%]	a_k [J/cm ²]	HB (d) [mm]	弯曲 试验 Bend Test	杯突值 IE Impact Strength [mm]				
	M	1049	979	17.5	46								
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				
	Acceptable	Acceptable	Acceptable										
部位 Location	化学成份 Chemical Composition (%)												
Top	基 Remainder					Al	V	Fe	C	N	H	O	其它元素 (others)
Bottom	基 Remainder					5.97	3.96	0.180	0.036	0.007	0.002*	0.152	单个 (Each) < 0.1
						6.14	4.07	0.183	0.043	0.009	0.002*	0.174	总和 (Total) < 0.4
备注 Note	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.							检验专用章 Stamp 2019年6月17日 (Date)					

经办人 (Inspector): 王明娟

审核 (Auditor):

