

Manufacturers Mechanical
Mill Certificate

EN10204 3.1 质量证明书
EN10204 3.1 QUALITY CERTIFICATE



证书编号 (Certificate No.): 2018010904

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.			
6635	Titanium Bars	Grade 5		TY1709-534201	Annealed	Dia 0.500" x Length 2500 - 3600mm	285	529.0 kg	ASTM B348 Gr.5 Rev.2013	#4, #5			
室温力学性能 Tensile Properties	试样状态 Sample Condition		R_b Tensile Strength [MPa]	$R_{0.2}$ Yield Strength 0.2% [MPa]	δ_5 Elongation [%]	ψ Reduction of area [%]	$2k$ [J/cm ²]	弯曲 试验 Bend Test	杯突值 IF Impact Strength [J]				
	M		985	908	18.5	49							
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 Fining				
	Acceptable	Acceptable	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	基 Remainder					5.94	3.80	0.129	0.009	0.008	0.002*	0.15	单个 (Each) < 0.1
备注 Note	基 Remainder					6.09	3.95	0.127	0.013	0.009	0.002*	0.15	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): 王明辉

审核 (Auditor):



日期 (Date): 2018年1月5日