

Manufacturer's Mechanical
Mill Certificate

EN10204 3.1 质量证明书
EN10204 3.1 QUALITY CERTIFICATE

证书编号 (Certificate No.): 20180710106



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.
G796	Titanium Bars	Grade 5		TY1805-534134	Annealed	Dia 0.625" x Length 9' - 12'	268	784.0 kg	ASTM B348 Gr.5 Rev.2013	#20 - #22
室温力学性能 Tensile Properties	试样状态 Sample Condition	Tensile Strength [MPa]	屈服强度 Yield Strength 0.2% [MPa]	延伸率 Elongation [%]	断面收缩率 Reduction of area [%]	晶粒度 Grain [mm]	硬度 HB (D) [mm]	弯曲试验 Bend Test	杯突值 IE Impact Strength [mm]	
M		990	921	18.0	44					
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 Flattening	
	Acceptable	Acceptable	Acceptable							
部位 Location	化学成份 Chemical Composition (%)									
Top	基 Base	Al	V	Fe	C	N	H	O	其它元素 (others) 单个 (Each) < 0.1	
Bottom	基 Base	Remainder		5.8	3.8	0.12	0.03	0.02	0.002*	0.11
备注 Notes	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):



日期 (Date)