

Manufacturer: 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	屈服强度 Yield Strength [MPa]	$\sigma_{0.2}$ 921	抗拉强度 Tensile Strength [MPa]	σ_b 990	延伸率 Elongation [%]	δ_5 18.0	断面收缩率 Reduction of area [%]	ψ 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	弯曲试验 Bend Test	杯突值 IE Impact Strength [mm]	展平试验 Flattening																								
部位 Location	可接受 Acceptable	可接受 Acceptable	可接受 Acceptable																															
Top	TI																																	
Bottom	基 Remains																																	
备注 Notes	<p>The ultrasonic inspection was done as per AMS2631 Rev E Class A. The bars were annealed at 730°C for 1.5 hours. * H tested on final diameter.</p> <p>化学成份 Chemical Composition (%)</p> <table border="1"> <tr> <td>Al</td> <td>V</td> <td>Fe</td> <td>C</td> <td>N</td> <td>H</td> <td>O</td> <td>其它元素 (others)</td> </tr> <tr> <td>5.8</td> <td>3.8</td> <td>0.12</td> <td>0.03</td> <td>0.02</td> <td>0.002*</td> <td>0.11</td> <td>单个 (Each) < 0.1</td> </tr> <tr> <td>5.9</td> <td>3.9</td> <td>0.12</td> <td>0.03</td> <td>0.02</td> <td>0.002*</td> <td>0.10</td> <td>总和 (Total) < 0.4</td> </tr> </table> <p>经办人 (Inspector): 王明娟 审核 (Auditor):</p> <p>日期 (Date)</p>										Al	V	Fe	C	N	H	O	其它元素 (others)	5.8	3.8	0.12	0.03	0.02	0.002*	0.11	单个 (Each) < 0.1	5.9	3.9	0.12	0.03	0.02	0.002*	0.10	总和 (Total) < 0.4
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