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MILL TEST CERTIFICATE

Certificate No: #20151211

Date: 2015/12/11

Purchasing Company		/		P.I./P.O.No.	/		Batch Number	HJ2015T1537-1			
Commodity			Material	Condition	Size & Specification	Quantity	Products Standard		Temperature		
Titanium wire, Acid Washing, Annealed			Gr23	M	Dia1.0mm x L.	110KGS	ASTM F136		20°C		
Chemical Composition (WT. %)											
TI Balance Ref. ASTM	Size	Item	Fe	C	N	H	O	AL	V	Residuals	
			0.25Max	0.08 Max	0.05 Max	0.012 Max	0.13 Max	5.5-6.50	3.5-4.5	Each (≤0.1)	Total (≤0.4)
	Dia1.0mm x L (coil)	0.16	0.017	0.026	<0.001	0.09	6	4.1	≤0.1	≤0.4	
Mechanical Strength											
Inspection Item	Tensile Strength		0.2 Yield Strength		Elongation		Reduction of area		/	/	
	(Rm/Mpa)		Rp0.2/Mpa		A(%)		Z(%) min.		/	/	
Requirement	860		795		10 Min		25		/	/	
Dia1.0mm x L (coil)	1065		925		20		36				
Other Testing											
Testing Item	Dimensional Inspection		Surface Measurement		Micro Structure		Surface Contamination		Ultrasonic Test		
Result	ACCEPTABLE		ACCEPTABLE		ACCEPTABLE		ACCEPTABLE		/		

Hereby certify this product conforms to all specifically listed technical requirements, and other requirements for these specifications. Furthermore, we certify that the above stated quantitative results were derived from testing and analysis and are accordance with the reference specification requirements

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