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MILL TEST CERTIFICATE

Certificate No: #20190413

Date: 2019-4-13

Purchasing Company	/	P. I./P. O. No.	/	Batch Number	HJ20190563	
Commodity	Material	Condition	Size & Specification	Quantity	Products Standard	Temperature
Titanium wire, Acid Washing, Annealed	Gr23	M	Dial. 2mm x L.	360KGS	ASTM F136	18°C
Titanium wire, Acid Washing, Annealed			Dial. 6mm x L.	510KGS	ASTM F136	

Chemical Composition (WT. %)

TI Balance Ref. ASTM	Item Size	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)
	Dial. 2mm x L. (coil)	0.048	0.026	0.027	0.001	0.04	5.82	3.94	≤ 0.1	≤ 0.4
	Dial. 6mm x L. (coil)									

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	/	/	/
Dial. 2mm x L. (Coil)	1075	915	22	/	/	/
Dial. 6mm x L. (Coil)	1070	920	20	/	/	/

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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