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QUALITY CERTIFICATE

No.: TG1700012a-0.3x400x1000mm

1. Description:

Commodity	Material	Standard	Condition
Titanium Gr.2 plate	Titanium Gr.2	ASTM F67	Annealed
Heat NO.	Lot No.	Size	Weight
1602-502057	1602-502057-10	0.3x400x1000mm	1pc

2. Chemical composition (wt%) :

Element	Ti	N	C	H	Fe	O	Others		
							Each	Total	
Requirements (max.)	Bal	0.03	0.08	0.015	0.30	0.25	0.10	0.40	
Results	top	Bal	0.005	0.008	0.001	0.168	0.16	<0.01	<0.04
	bottom	Bal	0.004	0.006	0.001	0.141	0.18	/	/

3. Mechanical properties:

Test Items	Tensile strength Rm (MPa)	Yield strength Rp0.2 (MPa)	Elongations (%)
Requirements	≥ 345	275-450	≥ 20
Results	528	440	25

4. Other test items:

Microstructure	Ultrasonic	Dimensional Inspection	Visual Inspection	Surface contamination
Qualified	Qualified	Qualified	Qualified	Clean

5. Conclusion and Statement:

We hereby certify that these Titanium plate Gr.2 herein has been manufactured, samples, tested and inspected in accordance with ASTM B67 and other specified requirements of contract number TG1700012a, and met these requirements.

Inspected by	Prepared by	Approved by
Michele Zhang	Jimmy Liu	Andrew Wang
Jan.19 th , 2017.	Jan.19 th , 2017	Jan19 th , 2017.