



浙江申吉钛业股份有限公司

ZHEJIANG SHENJI TITANIUM INDUSTRY CO., LTD

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Test Certificate

Cert. No.: SJTY-2018-11-036

Customer:

Invoice No.: O/C-2018-03-399-1

PO No.:

Date: 18/Nov/18

EN 10204 3.1 & incl.

Specification:	ASTM B235-16 Gr.5			Commodity:	Titanium Sheets	
Case No.	Dimension (mm)	Qty (pcs)	Qty (kgs)	Heat No.	Lot No.	Annealing Condition
18-11-71	0.833" x 36" x 96"	24	403.00	068-232	18-RD-35-5	780°C, 50 minutes, AC
18-11-72	0.083" x 36" x 96"	23	387.50			

Chemical Composition (%)

Requirement	Fe	C	N	H	O	AL	V	Titanium	Residual
	≤0.40	≤0.08	≤0.05	≤0.016	≤0.20	5.5-6.75	3.5-4.5	Remainder	Each ≤0.10 Total ≤0.40
Analysis - Top	0.144	0.048	0.028	0.0079	0.172	6.17	3.92	Remainder	< 0.10 < 0.40
Analysis - Bottom	0.148	0.045	0.014	0.0082	0.175	6.18	4.01	Remainder	< 0.10 < 0.40

Mechanical Properties

Sample code	Requirement	Tensile Strength (Mpa) Min. 895	Yield Strength, 0.2% (Mpa) Min. 825	Elongation (%) Min. 10	Bend Test 105° 4.5T
2018/11/12	Analysis (Longitudinal)	1127	1049	14.02	Acceptable
	Analysis (Transverse)	1114	1001	12.10	
Requirement	Hardness	Grain Size	Dimension Inspection	Visual Inspection	
Results	N/A	N/A	Acceptable	Acceptable	

Note: 1. Hydrogen - Product Analysis.

2. As an ISO 9001, PED 2014/68/EU and AS9100C accredited company, we hereby certify that the above mentioned materials have been manufactured, inspected, sampled and tested in full accordance with the requirements of the specification and the contract and that the results of chemical analysis, tensile, and other tests meet the requirements of this specification for the grade specified.

Any question concerning quality and quantity, please contact with us within 10 days after receipt of the cargo.

Editor:

Checker:

Approver:

[Signature]

[Signature]

[Signature]

