



TITANIUM INTERNATIONAL GROUP

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 Partita IVA 02026661203 – Codice Fiscale 01903960340

QUALITY CERTIFICATE M-20180350015 DATE 20.01.2018

HEAT NUMBER **1711-51** LOT No. **1711-51** ALLOY **GR5** REF. PO **4317000411**
 MATERIAL **Plate** SPECIFICATION **ASTM B265-2015**

CHARACTERISTICS OF THE SUPPLY (NOMINAL)

Dimension (Tolerance)		Qty pcs /kg		Surface Finish							
15.8 X 1219 X 3048		1 / 272.5		Annealed, PEELED AND MACHINED							
HEAT CHEMICAL COMPOSITION											
STD limits	C%	V%	Al%	Fe%	N%	O%	H%	Each	Total	Ti%	
	min	3.50	5.50								
	max	4.50	6.75	0.40	0.05	0.20	0.015	0.1	0.4	BALANCE	
Top	0.01	3.8	5.8	0.03	0.01	0.18	0.004	<0,1	<0,4	BALANCE	
Bottom	0.01	3.8	5.8	0.03	0.01	0.18	0.004	<0,1	<0,4	BALANCE	

MECHANICAL/PHYSICAL PROPERTIES AT ROOM TEMPERATURE OF THE SUPPLIED PRODUCTS

IDENTIFICATION	REFERENCE STANDARD	Tensile Strength Mpa	Yield Strength 0,2% offset Mpa	Elongation %	Reduction of Area %
1711-51	ASTM B265-2015	Min 895 968/976	Min 828 933/965	Min 10 14.18/16.60	Min -

US Test

Microstructure

Others

Hydrogen: product analysis; heat treatment :750°C/90 min
 Certificate according to EN10204-3.1 / True and correct copy of raw material supplier's certificate

Azienda con sistema di gestione
 Certificato EN9120/EN9100

Ufficio Qualità
 Dott.ssa Silvia Pulga

