

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	0,08	3,50	5,50	0,40	0,05	0,20	0,015	0,1	0,4	BALANCE
max	0,01	4,50	6,75	0,03	0,01	0,18	0,004	<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