

6808.5 P 3.1



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# INSPECTION CERTIFICATE

EN 10204-3.1 AS 9100EN ISO 9001 CERT. No 01 117 046312



CERTIFICATE No 20661Y07A date 27.11.2007

Purchaser: VSMPO TIRUS GMBH, DEUTSCHLAND

Contract: 280292551EE annex 8  
Purchaser order: Tirus PO: 2006-10546; Embrar PO: 902039829; E-code: 8052255

Quality/alloy e-codes	Units	Weight, (kg)	Condition of delivery	Object	Dimensions (mm) or Drawing No	Heat No	Lot No
6AL-4V	8	2784	Annealed	PLATE	82.55 x 914.4 x 1016	9-03-1788	24128
AMS4911J							
TOP							
BOTTOM							
Requirement							
AMS 4911 J							

  

Chemical Composition, %	Ti-remainder		N <sub>2</sub>		O <sub>2</sub>		C		S		Heat treatment	
	Al	V	max	min	max	min	max	min	max	min	T, C	time
5.50-6.75	3.50-4.50	0.20	0.015	0.003	0.05	0.003	0.20	0.026	0.005	<0.001	780°	55 min
6.40	4.09	0.24	0.0003	0.0004	0.003	0.003	0.20	0.026	<0.001	<0.001	air cooling	4 h
6.19	3.86	0.24	0.0004	0.0004	0.003	0.003	0.20	0.026	<0.001	<0.001		

  

Requirement	Tensile strength		Elongation		Bend test		Beta-transus		In Use Part, %		Macrostructure testing	
	min	max	min	max	Angle	test	T, C	H <sub>2</sub>	Sample #	Time	Method	Transducer
AMS 4911 J	120	130	10	10					2	4 h	As per AMS 2631B, Cl. A1.	Longitudinal wave. Immersion method
Longitudinal	127.9	139.0	10.5	10.5					1	55 min	As per AMS 2631B, Cl. A1.	Longitudinal wave. Immersion method
Transverse	133.2	142.7	15.4	15.4							As per AMS 2631B, Cl. A1.	Focused transducer.

We certify that, subject to conditions or connection items specified, the supplier's product conforms to accordance with the technical specifications of the contract, order or sub-order and that all inspection operations and tests, (which have been completed), are supplied in conformity to any request with the contract particular specifications, drawings, and relevant standards and regulations in force. Information particular to the supplier's delivery. Specify on reference of connection's part.

Prepared by Kozlova A.A.  
Name Kozlova A.A.

signature

