

EXOVA
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TEST CERTIFICATE



Titanium Metal Supply
12215 Kirkham Road Suite 300
Poway, California 92064
United States of America

PO / SO: 14-7235
Material: 6Al-4V Ti
Condition: Annealed
Specification(s): ASTM B348 Rev. 13

Exova Lab#: 629386
Certification Date: 10/29/14

Size: 2.75" Dia x 3.50" Long
Heat Number: 84507233

Tensile Test (Room Temp.)									
Direct	Temp. °F	Stressed Dimension In	0.2% Yield lbs	Ultimate ksi	lbs	Elong 4D/4W in	%	R of A in	Test Method
M/R LONG	RT	0.251 (d)	6244	126.2	6824	1.162	16.2	0.197	ASTM E8
Notes: Yield strength determined by yield point.									
Min. Requirements:			120	130		10		25	

Chemical Analysis

Element	Description	Result	Min	Max	Unit	Method	Comments
C	Carbon	0.02		0.08	Wt. %	Combustion	
O2	Oxygen	0.17		0.20	Wt. %	Fusion	
N2	Nitrogen	0.02		0.05	Wt. %	Fusion	
H2	Hydrogen	0.002		0.015	Wt. %	Fusion	
Fe	Iron	0.17		0.40	Wt. %	XRF	
Al	Aluminum	6.10	5.5	6.75	Wt. %	XRF	
V	Vanadium	3.9	3.5	4.5	Wt. %	XRF	
OE	Other Elements	< 0.1		0.1	Wt. %	XRF	
OET	Other Elements Total	< 0.4		0.4	Wt. %	XRF	
Ti	Titanium	BAL	BAL		Wt. %	XRF	

Disposition

Conforms to requirements.
Test(s) reported without explicit requirements listed are for information Only.



Signed for and on behalf of Exova
Miguel Guerra
Miguel Guerra, Creep/Rupture Technician

