EXOVA
10005 Freeman Avenue, Santa Fe Springs, CA. 90670
Tel: (562) 946-1721 Fax: (562) 944-8389
www.exova.com

TEST CERTIFICATE

PO / SO: 20140520
Material: Grade 2 Titanium

Exova Lab#: 620470
Certification Date: 06/02/14

Specification(s): ASTM B265 Rev. 13Ae1

Size: 0.020"Thick

GT#: 5553.2

Heat Number: CN1334MA

Chemical Analysis

Element	Description	Result	Min	Max	Unit	Method	Comments
N2	Nitrogen	< 0.01		0.03	Wt. %	Fusion	
C	Carbon	0.03		0.08	Wt. %	Combustion	
H2	Hydrogen	0.003		0.015	Wt. %	Fusion	
Fe	Iron	0.08		0.30	Wt. %	XRF	
O2	Oxygen	0.10		0.25	Wt. %	Fusion	
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	

Tensile Test (Room Temp.)

Direct.	Temp.	Stressed Dimension	0.2% Yield		Ultimate		Elong 4D/4W		Test Method
	°F	in	lbs	ksi	lbs	ksi	in	%	
Longitudinal	RT	0.496 (w) X 0.0202 (t)	514	51.3	702	70.1	2.660	33.0	ASTM E8
Min. Requirements:				40		50		20	
Max. Requirements:				65					

Disposition

Conforms to requirements.

Certification Issue ID: 1070, Version 1

EXOVA submits this certification as the confidential property of our client. It shall not be reproduced except in full, without the written approval of EXOVA. The recording of false, fictitious or fraudulent statements or entries on this document may be punished as a felony under federal law.

LABORATORY ACCREDITATION BUREAU

Signed for and on behalf of Exova

Marlon Garcia, Quality Technician

Nadcap
Materials Testing Laboratory

TMS Titanium Sample Cert