

Perryman company

213 Vandale Drive Houston, PA 15342 USA

phone: 724-746-9390 fax: 724-746-9392

PACKING LIST

289658

REV.

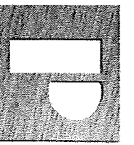
1

DATE SHIPPED

01/19/2024

BILL OF LADING 00289658		CARRIER Daylight		CAR/TRAILER NBR		ARRIVAL DATE	
FREIGHT PAYMENT Prepay & Add		NET WEIGHT 100 Lbs		TARE WEIGHT 35 Lbs		GROSS 135 Lbs	
RAIL ROUTING							
SHIP TO (000782-000) NeoMetal Industries Inc. 1816 Ackley Circle Oakdale, CA 95361							
ITEM	PART NUMBER / DESCRIPTION					QUANTITY	
001	WO 191578. 1 wood box						
	OUR ORDER 097510		ORDER DATE 10/27/2023		YOUR P.O. 39715		P.O. DATE 10/27/2023
							FOB Houston, PA
	B022300.2498						100 Lbs / 1 Coil
	Bar - Precision Centerless Grd, Ti6Al4VEli, 00.2498"						
	Form: Bar - Precision Centerless Grd						
	Grade: Ti6Al4VEli						
	Size: 00.2498"						
	Customer: Perryman Material						
	ASTM F136-13						
.2498/.2502"							
LOT NBR		W.O. #		QUANTITY UM			
PV10311		191578		100 Lbs / 1 Coil			
- - - - - D E T A I L - - - - -							
TAG NBR		W.O. #		LOT NBR		QUANTITY UM	PCS
191578-006C		191578		PV10311		100 Lbs	100. Lbs

M0125241



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Certified Test Report

Customer: NeoMetal Industries Inc.

1816 Ackley Circle
Oakdale, CA 95361

Heat No: PV10311

Melting Source: Perryman Company, USA

Work Order No: 191578

BOL No: 002839658

Date: 1/19/2024

Quantity: 100 Lbs

Customer Order No: 39715

Specification: ASTM F136-13

Product: Ti 6Al-4V ELI .2498/.2502" Dia. Precision CG Bar X 12' R/L

Condition: Annealed 1300 F 1 Hour

Chemistry Wt % ASTM E 1447: Post processing Hydrogen Determination H: .0010

Metallographic Examination: ASTM E407: Microstructure - Equiax alpha-beta ASTM E 407: Surface Contamination - No alpha case 500x Etchant: PER1 & PER2

Mechanical Properties	Tensile Strength	.2% Yield Strength	Elongation 4D %	Reduction of Area %
ASTM E8/EN 2002-001:2005E	ksi	ksi	%	%
Condition	159.1	147.1	19	50
As Shipped				

100% Eddy Current Inspection at finished product - Passed

This is to certify that all test results conform to the specifications listed above and that all tests required were performed by Perryman Company. The material did not come in contact with Mercury or radioactive contamination at Perryman.

Attached is a copy of the Ingot Chemistry. All testing performed at room temperature unless otherwise noted.

The test results relate only to the lots tested and are contained in the records of Perryman Company. The Certified Test Report cannot be reproduced except in full, without written approval. Made in USA.


Zachary S. Degan
Laboratory Manager
1/19/2024


ACCREDITED
Materials Testing Laboratory

MO125241



Perryman company
625 Technology Dr., Coal Center, PA 15423
phone: 724-746-9390 fax: 724-746-9392

SHIP TO

Perryman Company
213 Vandale Drive
Houston, PA 15342

CERTIFICATE OF TEST For TITANIUM PRODUCTS

WORK ORDER
056442

HEAT NUMBER
PV10311

	QUANTITY 12820 LBS	PCS 1										
DESCRIPTION FORM: Ingot, Grade: Ti6Al4V Eli, Size: 30												
SPECIFICATION CAPABILITY P-104 Rev 4												
Chemistry (WT%) Top												
O	N	C	Fe	Al	V	Si	Cu	Pd	Y	H	B	Ru
.12	.012	.016	.18	6.19	4.08	.014	<.004	<.005	<.005	.0004	<.003	<.005
Chemistry (WT%) Bottom												
O	N	C	Fe	Al	V	Si	Cu	Pd	Y	H	B	Ru
.12	.012	.017	.19	6.18	4.07	.016	<.004	<.005	<.005	.0003	<.003	<.005
Comments												
<p>Melting Process: EBCHR-VAR</p> <p>Calculated Beta Transus T/B: 1807F/1807F</p> <p>Calculated Beta Transus T/B C: 986C/986C</p> <p>Residual Elements, each < .05% Residual Elements, total < .20% Balance Titanium.</p> <p>Melted in the United States of America. The material is free of radioactive and mercury contamination. Oxygen/Nitrogen tested in accordance with ASTM E1409. Carbon tested in accordance with ASTM E1941. Hydrogen tested in accordance with ASTM E1447. B tested in accordance with ASTM E2994. Metallics Tested By XRF in accordance with ASTM E539.</p> <p style="text-align: center;">Elements not required by specification are included in Others(each) and Others(Total)</p>												

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Materials Testing Laboratory

This material conforms to the chemistry and quality system requirements of the specifications and/or Purchase Order referenced. The results relate only to the lot tested and the results are contained in the records of Perryman Company.

The certificate of test cannot be reproduced except in full without the written approval of the laboratory, and the recording of false, fictitious, or fraudulent statements or entries on this document may be punished as a felony under federal law.

Michael DeAngelis

Michael DeAngelis
Senior Laboratory Technician