

**NOTICE OF SHIPMENT/
PACKING LIST**



AL 6188 4-1211

CERTIFICATE OF TEST

CURT. ORD. NO. & DATE

8432/5471
FORMS DISTRIBUTION

SOLD TO →

CURT. CODE

12/09/13 923712

ACCEPTING MILL

LOUISVILLE, OH

SHIPPER NO.

404509

PRODUCT CODE

13020116120000

MILL ORDER NUMBER

32-123-050

DATE SHIPPED

12/17/13

FORMS DISTRIBUTION

INVOICE

MATERIAL

6120 LOUISVILLE

SHIPPING LOCATION

OH

INVOICE

240553

GOVT CONTRACT

01531-029

PRIME SEC.

DSO DSO

59

GRADE AND SPECIFICATIONS

ATI GRADE 2 UNALLOYED TITANIUM SHEET C R COILS ANNEALED IBA FIN MILL EDGE (ASTM-B-265-13A) (ASTM-E-29-13) (ASTM-E-8-11) (ASTM-E-1447-09) (ASTM-E-1409-08) (ASTM-E-1941-10) (ASTM-E-290-13)

CARRIER CUSTOMER TRUCK

ITEM PCS DIMENSIONS W/G/L

010A 1 49. / .0206 / 2106.

1 SKID

HEAT # COIL #

EM95JB 08423T021A

TEST #

L265045

GROSS TARE NET THEO TAG # / CD SKID #

4200 40 4160 4119 290732

4200 40 4160 4119

ORDER REMARKS:

THE ABSENCE OF INTERLEAVE PAPER CAN LEAD TO SURFACE DAMAGE. A/L WILL ASSUME NO RESPONSIBILITY FOR SUCH DAMAGE ON ORDERS WHICH PROHIBIT PAPER INTERLEAVE.

DIST:

EMAIL AND MAIL ACKNOWLEDGMENTS TO MCGINNIS@UNITI-TITANIUM.COM / KUNKLE@UNITI-TITANIUM.COM
SHADERLIE@UNITI-TITANIUM.COM SEND ONLY ENGLISH INVOICES, NO METRIC ORDERS NO CERTS TO THE SOLD-TO, UNITI RECEIVES THRU ON-DEMAND

TYPE HEAT/TEST (WT %)

FINAL EM95JB

TOP

BOT

TEST LOCATION

--C-----TI--N--FE--O---R-EACH R-TOTL

.01 BAL .004 .07 .10 <.1000 <.4000

.01 BAL .005 .06 .11 <.1000 <.4000

RW RW RW RW XX XX

YIELD TENSILE & ELONG

PSI * PSI IN 2" & R/A HARDNESS BEND

L 45700. 67000. 31. NR NR

L 46100. 67500. 30. TC NR

TC TC

* Y.S. BY 0.2% OFFSET METHOD

GRAIN

SIZE

NR

H2 CHECK

NR

0061

0063

TC

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COUSE/SEE. Please Note: This copy must use turned over to carrier in final close condition, being correctly headed at which time our responsibility for loss or damage in shipment ceases. For protection please advise shipment as it arrives if any shortage, loss, or damage is observed, have a full description made by transportation agent on waybill before signing.

Material Safety Data Sheets for this product have been supplied to the purchasing department. For an additional copy please call 724-226-5280. CAUTION: Processing this material limits and restrictions may cause lung disease. See Material Safety Data Sheet for further information.

The above is a true copy of data on file. The material and test results conform to the sales contract and specification(s) as set forth in the buyer's purchase order. Acknowledgment.

Stephen Wolf
Director, Corporate Quality Assurance

**NOTICE OF SHIPMENT/
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CERTIFICATE OF TEST

AL 6168-4 1211

CUST. ORD. NO. & DATE

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FORWARD DISTRIBUTION

CUST. CODE

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6120-LOUISVILLE

OH

240553

GOVT CONTRACT

PRIME SEC.

DSO

59

ATI GRADE 2 UNALLOYED TITANIUM SHEET C R COILS ANNEALED IBA FIN MILL EDGE
CARRIER CUSTOMER TRUCK

ITEM TEST NO	YIELD	TENSILE	TRAN ELONG BEND
010A L265045	PSI *	PSI	IN 2 INCH BOTTOM
	T 52000.	63000.	31.
	T 53000.	64000.	29.
TEST LOCATION	TC	TC	T PASS TC

NR = DATA NOT REQUIRED
GRADE VERIFICATION WAS CARRIED OUT SPECTROSCOPICALLY
DIN EN 10204:2005 - 3.1 CERTIFICATE DOES NOT INDICATE PED APPROVAL FOR THIS MATERIAL.

THIS CERTIFICATE OF TEST SHALL NOT BE REPRODUCED EXCEPT IN FULL. MATERIAL MELT AND CHEMICAL TESTING WERE PERFORMED BY AN OUTSIDE ATI AL APPROVED SUPPLIER.

ATI ALLEGHENY LUDLUM PERFORMS CHEMICAL ANALYSIS BY THE FOLLOWING TECHNIQUES:

- C, S BY COMBUSTION/INFRARED
- N, O, H BY INERT FUSION/THERMAL CONDUCTIVITY
- MN, P, SI, CR, NI, MO, CU, CB, CO, V BY WDXRF
- B BY OES
- AL AND TI (>=0.10%) BY WDXRF, OTHERWISE BY OES
- PB, BI, AG BY GFAA

TESTING WAS PERFORMED AT THE FOLLOWING LOCATIONS:

- RW = ATI-RICHLAND; 3101 KINGSGATE WAY; RICHLAND, WA. 99354
- TC = ATI-ALLEGHENY LODDUM; 1300 PACIFIC AVENUE; NATRONA HEIGHTS, PA 15065
- XXI = CALCULATED

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COMPLIANCE - Please Note: This certification was turned over to carrier in that class condition, being correctly loaded, at which time our responsibility for loss or damage in shipment ceased. For your protection please examine shipment as it arrives. If any shortage or discrepancy is encountered, file a full description made by transportation agent on receipt before signing.

WARNING - Please Note: This information is provided for your information only. It does not constitute a warranty or representation of any kind. For more information, please contact our sales office at 724-238-5600. Attention: Sales Department. Fax: 724-238-5601. E-mail: sales@atlal.com

The above is a true copy of data on file. This material and test results conform to the end user's and specifications as set forth in Allegheny Ludlum's Order Acknowledgment.

Stephen Wall
Director, Corporate Quality Assurance

