

**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

LOUISVILLE, OH

REPEAT ORDER

01531-0 29

PRIME SEC.

DSO DSO

59

ACCEPTING MILL

LOUISVILLE, OH

SHIPPER NO. 404509

GOVT CONTRACT

PRODUCT CODE

13020116120000

MILL ORDER NUMBER

32-123-050

DATE SHIPPED

12/17/13

PRODUCT CODE

13020116120000

MATERIAL

6120

LOUISVILLE

SHIPPING LOCATION

OH

DATE SHIPPED

12/17/13

INVOICE

240553

GRADE AND SPECIFICATIONS

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

CARRIER CUSTOMER TRUCK

ITEM PCS DIMENSIONS W/G/L

010A 1 49. / .0206 / 2106.
C

HEAT # COIL #
EM95JB 08423T021A

TEST #
L265045

GROSS TARE NET THEO TAG # / CD SKID #
4200 40 4160 4119 290732

1 SKID

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 .01
BOT .01

TEST LOCATION

RW RW RW

YIELD TENSILE & ELONG

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

L 45700. 67000. 31. NR NR

L 46100. 67500. 30. 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, damage or loss is observed. 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 under certain conditions 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/
PACKING LIST**



CERTIFICATE OF TEST

AL 61684 1211

CUST. ORD. NO. & DATE

8432 / 5471
FORWARD DISTRIBUTION

CUST. 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

DATE INVOICE

12/17/13

SHIPPING LOCATION

OH 240553

SHIPPER NO.

404509

GOVT CONTRACT

6120-LOUISVILLE

SHIPPER NO.

404509

PRODUCT CODE

13020116120000

MILL ORDER NUMBER

32-123-050

DATE SHIPPED

12/17/13

DATE INVOICE

12/17/13

SHIPPING LOCATION

OH 240553

GRADE

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

ITEM TEST NO
010A L265045

YIELD
PSI +
T 52000.
T 53000.
TC

TENSILE
PSI
IN 2 INCH BOTTOM
31.
64000.
TC

TRAN ELONG BEND
IN 2 INCH BOTTOM
31.
T PASS
TC

BEND
T PASS
TC

TEST LOCATION

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 724-238-5880. Attention: Sales Department. Fax: 724-238-5880. 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

