

**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

SHIP TO →

REPEAT ORDER

01531-029

DATE

12/29/13

GOVT CONTRACT

OH

MATERIAL

6120

SHIPPING LOCATION

LOUISVILLE

INVOICE

OH | 240553

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 # TEST # GROSS TARE NET THEO TAG # / CD SKID #

EM95JB 08423T021A L265045 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 .01
BOT .01

TEST LOCATION

RW

YIELD TENSILE & ELONG

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

L 45700. 67000. 31. NR

L 46100. 67500. 30. NR

TC TC

* Y.S. BY 0.2% OFFSET METHOD

GRAIN

SIZE NR

H2 CHECK 0061

0063

TC

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12/17/13 09:42:44

COUSE/SEE. Please Note: This copy must use turned over to carrier in final check 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 discrepancy 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 724-226-5900. 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
REPEAT ORDER 01531-0 29

SHIPPER NO.

404509
GOVT CONTRACT

PRODUCT CODE

13020116120000
MATERIAL 6120

MAIL ORDER NUMBER

32-123-050

DATE SHIPPED

12/17/13

INVOICE

240553

SHIPPING LOCATION

OH | LOUISVILLE

ACCEPTING MILL

LOUISVILLE, OH

DO PR. RATE CTRY

PRIME SEC. DSO 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.	BEND
	T 53000.	64000.	T PASS
TEST LOCATION	TC	TC	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 LODDLUM; 1300 PACIFIC AVENUE; NATRONA HEIGHTS, PA 15065
XXI = CALCULATED

WARNING - Please Note: This material 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.

The above is a true copy of data on file. This material had been tested in accordance with the test methods and specifications as set forth in Allegheny Ludlum's Order Acknowledgment.

Stephen Wall
Director, Corporate Quality Assurance

