

KAISER ALUMINUM
FABRICATED PRODUCTS, LLC
4300 HIGHWAY 75 SOUTH
SHERMAN, TX 75090

CUSTOMER PO NUMBER: 0606737-3		CUSTOMER PART NUMBER: 2259		PRODUCT DESCRIPTION: 2.000 X 2.000 X .250 AS EQ ANGLE	
KAISER ORDER NUMBER: 4008429	LINE ITEM: 003	SHIP DATE: 09/23/2022	KAISER LOT NUMBER: HA011-296	ALLOY: 6061	TEMPER: T6
WEIGHT SHIPPED: 2997.000 LB	QUANTITY: 108.000 PCS	B/L NUMBER: 468610	DIAM/DAF/THKNS:	WIDTH:	LENGTH: 25.000 FT
1. BROUSSARD, LA 70518 USA			BROUSSARD, LA 70518 USA		

Actual Physical Properties

REFERENCE	DASH#	SAMPLE#	UTS (KSI)	YTS (KSI)	%Elong in 2	HARDNESS	CONDUCT.	BEND
X HA011-296	0001	1	50.4	45.5	12.0	RE 95	N/A	N/A
HA011-296	0001	2	50.0	44.2	13.0	RE 94	N/A	N/A
HA011-296	0001	3	49.3	44.1	13.0	RE 94	N/A	N/A
HA011-296	0001	4	49.2	44.0	14.0	RE 95	N/A	N/A

Chemical Composition (wt%), Aluminum Remainder

LIMITS	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Pb	Bi	Zr	Ea	Tot
Maximum	0.80	0.70	0.40	0.15	1.20	0.35	0.25	0.15	NA	NA	NA	0.05	0.15
Minimum	0.40	0.00	0.15	0.00	0.80	0.04	0.00	0.00	NA	NA	NA	0.00	0.00
110676	.71	.30	.24	.15	.91	.16	.09	.02	.01	.00	.00	.00	.02

Applicable Requirements:

ASTM B308/B308M-20; ASTM B221-21; AMS-QQ-A-200/8A (PROFILES); AMS-QQ-A-200/16A;
EXCEPTIONS: ASTM B308/B308M-20: PARAGRAPH 11.1 - HARDNESS TEST SAMPLING WILL BE
IN ACCORDANCE WITH TENSILE TEST SAMPLING FREQUENCY PER ASTM B221 (LATEST REVISI
ON) REQUIREMENTS., AMS-QQ-A-200/8A: PARAGRAPH 3.1 - CHEMICAL ANALYSIS WILL BE PER
FORMED IN COMPLIANCE TO ASTM B985, E716 AND E1251 (LATEST REV). PARAGRAPH 3.3 -
PRODUCTS WILL BE HEAT TREATED IN COMPLIANCE TO ASTM B807/807M AND ASTM B918/B91
8M (LATEST REV). PARAGRAPH 6.4 PRESERVATION AND PACKAGING LEVEL IS PRESUMED A
S COMMERCIAL UNLESS OTHERWISE NOTED/A GREED IN THE PRODUCER/PURCHASER AGREEMEN
T. AMS-QQ-A-200 REV C: PARAGRAPH 3.10 - PRODUCTS WILL BE HEAT TREATED IN COMPLI
ANCE TO ASTM B807/807M AND ASTM B918/B918M (LATEST REV). PARAGRAPH 4.4.1 - CHEM
ICAL ANALYSIS WILL BE PERFORMED IN COMPLIANCE TO B985, E716 AND E1251 (LATEST RE
V). PARAGRAPH 4.3.3 AND 5 PRESERVATION AND PACKAGING LEVEL IS PRESUMED AS C
OMMERCIAL UNLESS OTHERWISE NOTED/AGREED IN THE PRODUCER/PURCHASER AGREEMENT. P
ARAGRAPH 4.2.6 AND 4.3.1 HARDNESS TEST SAMPLING WILL BE IN ACCORDANCE WITH TEN
SILE TEST SAMPLING FREQUENCY PER ASTM B221 (LATEST REV) REQUIREMENTS., AMS-QQ-A-
200/16A: PARAGRAPH 3.1 - CHEMICAL ANALYSIS WILL BE PERFORMED IN COMPLIANCE TO B9
85, E716 AND E1251 (LATEST REV). PARAGRAPH 4.2.1 HARDNESS TEST SAMPLING WILL

Plant Serial: 00171584

Kaiser Order Number: 4008429

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CERTIFIED TEST REPORT

<https://Online.KaiserAluminum.com>

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Miscellaneous Notes

MANUFACTURED IN USA MELTED IN USA
MERCURY IS NOT UTILIZED BY KAISER ALUMINUM IN THE MANUFACTURE OF THIS MATERIAL.
STRUCTURAL PIPE, TUBE AND HOLLOW PROFILES ARE NOT INTENDED FOR PRESSURE OR FLUID CARRYING APPLICATIONS PER ASTM B429. ANY EXCEPTIONS/CONDITIONS ON QUOTE AND ACKNOWLEDGMENT ARE INTEGRAL TO THIS MATERIAL CERT.

CERTIFICATION

Kaiser Aluminum Fabricated Products, LLC ('Kaiser') hereby certifies that metal shipped under this order has been inspected and tested and found in conformance with the applicable specifications forming a part of the description set forth in Kaiser's sales acknowledgement form. Any warranty is limited to that shown on Kaiser's general terms & conditions of sale. Test reports are on file subject to examination.

Julio Garza, Quality Manager



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Line Item: 003