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Certificate

Purchase Order PO26131681	Order Date 3/31/2026	Placed By Christopher Berger	McMaster-Carr Number 5104384-04	Number of Certificates 1
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Line	Product	Ordered	Status	Certificate
1	8975K616 Multipurpose 6061 Aluminum Bar, 3/8" Thick x 1-3/4" Wide, 1 Foot Long	1 each	1 each delivers April 1	288-3649



Best in Class

CERTIFIED TEST REPORT

<https://Online.KaiserAluminum.com>

KAISER ALUMINUM
 FABRICATED PRODUCTS, LLC
 5205 KAISER DRIVE
 KALAMAZOO, MI 49048

CUSTOMER PO NUMBER: 669639-1		CUSTOMER PART NUMBER: 43162		PRODUCT DESCRIPTION: .375 X 1.750 SC RECT BAR			
KAISER ORDER NUMBER: 6178746	LINE ITEM: 001	SHIP DATE: 10/27/2024		KAISER LOT NUMBER: Z00466118	ALLOY: 6061	TEMPER: T6511	
WEIGHT SHIPPED: 1500.000 LB	QUANTITY: 162.000 PCS	B/L NUMBER: 647650		DIAM/DAF/THKNS:	WIDTH:	LENGTH: 12.000 FT	
SHIP TO: CASTLE METALS 26800 MILES RD BEDFORD HEIGHTS, OH 44146 USA				SOLD TO: A. M. CASTLE & CO. 1420 KENSINGTON ROAD OAK BROOK, IL 60523 USA			

Actual Physical Properties

REFERENCE	DASH#	SAMPLE#	UTS (KSI)	YTS (KSI)	ELONG%	HARDNESS	CONDUCT.	BEND
Z00466118	0001	0001	42.5	37.5	15.6	RE 90	N/A	N/A
Z00466118	0001	0002	40.4	35.8	18.3	RE 86	N/A	N/A
Z00466118	0001	0003	44.1	39.5	18.9	RE 92	N/A	N/A
Z00466118	0001	0004	43.8	39.0	18.9	RE 92	N/A	N/A
Z00466118	0001	0005	42.4	37.4	18.6	RE 90	N/A	N/A
Z00466118	0001	0006	41.4	36.0	14.1	RE 90	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
116605	.61	.28	.18	.09	.81	.06	.04	.03	.01	.00	.00	.01	.03

Applicable Requirements:

AMS-QQ-A-200/8A (PROFILES); ASTM B221-21 (6061-T6511); EN 10204.2004 3.1; EXCEPT IONS: AMS-QQ-A-200/8A: PARAGRAPH 3.1 - CHEMICAL ANALYSIS WILL BE PERFORMED 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/B918M (LATEST REV). PARAGRAPH 6.4 PRESERVATION AND PACKAGING LEVEL IS PRESUMED AS COMMERCIAL UNLESS OTHERWISE NOTED/AGREED IN THE PRODUCER/PURCHASER AGREEMENT. AMS-QQ-A-200 REV C: PARAGRAPH 3.10 - PRODUCTS WILL BE HEAT TREATED IN COMPLIANCE TO ASTM B807/807M AND ASTM B918/B918M (LATEST REV). PARAGRAPH 4.4.1 - CHEMICAL ANALYSIS WILL BE PERFORMED IN COMPLIANCE TO B985, E716 AND E1251 (LATEST REV). PARAGRAPH 4.3.3 AND 5 PRESERVATION AND PACKAGING LEVEL IS PRESUMED AS COMMERCIAL UNLESS OTHERWISE NOTED/AGREED IN THE PRODUCER/PURCHASER AGREEMENT. PARAGRAPH 4.2.6 AND 4.3.1 HARDNESS TEST SAMPLING WILL BE IN ACCORDANCE WITH TENSILE TEST SAMPLING FREQUENCY PER ASTM B221 (LATEST REV) REQUIREMENTS., SATISFIES REQUIREMENTS OF 6061-T6/T6511.

EXCEPTION TO LATEST REVISION OF ASTM B666, NO STENCIL FOR M

Plant Serial: 00603593

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KAISER ALUMINUM
FABRICATED PRODUCTS, LLC
5205 KAISER DRIVE
KALAMAZOO, MI 49048

MATERIAL <0.750" DIAMETER OR FLAT SURFACE, ALL PRODUCT FORMS.

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.

MATERIAL COMPLIES WITH FAR 52.225-1, BUY AMERICAN ACT-SUPPLIES, DFARS 252.225-7001 BUY AMERICAN ACT & BAL OF PAYMENTS PGM, AND FAR 52.225-5 TRADE AGREEMENTS.

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.

Aimee L. Macnowski, Quality & Technology Manager

Aimee L. Macnowski



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