



562-692-5911
562-695-2323 (fax)
la.sales@mcmaster.com



Certificate

Purchase Order PO26402208	Order Date 10/6/2026	Placed By Christopher Berger	McMaster-Carr Number 6689947-01	Number of Certificates 1
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Line	Product	Ordered	Status	Certificate
3	89155K234 Oversized Multipurpose 6061 Aluminum Sheet, 2-1/4" Thick, 6" x 12"	1 each	1 each delivers October 7	348-9557

KAISER ALUMINUM

Best in Class

CERTIFIED TEST REPORT

<https://Online.KaiserAluminum.com>

Kaiser Aluminum
Trentwood Works
PO Box 15108 Spokane Valley WA 99215-5108
15000 E Euclid
Spokane Valley, WA 99216
(509) 927-6317

CUSTOMER PO NUMBER: 5400811631-40	WORK PACKAGE:	CUSTOMER PART NUMBER: ALFLR03125	SHIP RUN/LOAD: 201454/14	GOV'T CONTRACT NUMBER:	
KAISER ORDER NUMBER: 1447013-4	SHIP DATE: 04/22/2026	ALLOY: 6061	CLAD: BARE	TEMPER: T651	PRODUCT DESCRIPTION: KaiserSelect Precision Plate
WEIGHT SHIPPED: 9838 LB	QUANTITY: 5 PCS EST.	TRUCK B/L #: 20127014	GAUGE: 2.2500 IN	DIAMETER/WIDTH: 60.500 IN	LENGTH: 144.500 IN
SHIP TO: COPPER & BRASS SALES 5545 CHET WAGGONER COURT SOUTH BEND, IN 46628 US			SOLD TO: COPPER & BRASS SALES ATTN: ACCOUNTS PAYABLE P.O. Box 5116 SOUTHFIELD, MI 48086 US		

MHU 3058484: LOT 607866B1: 2 pieces
MHU 3058487: LOT 607866B1: 2 pieces
MHU 3058488: LOT 607866B1: 1 pieces

Certified Specifications

AMS 4027/RevP~ASTM B209/B209M/Rev21A

Plant Serial: 4882905
Kaiser Order Number: 1447013
Line Item: 4

Page 1 of 2

From: ThyssenKrupp Materials NA
Cust. MCMASTER-CARR SUPPLY CO
CstAr 6278
Wgt.: 114 LB

Del.: 2411168270
CstOr TA-31786340
Date 05/07/2026

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Kaiser Aluminum
Trentwood Works
PO Box 15108 Spokane Valley WA 99215-5108
15000 E Euclid
Spokane Valley, WA 99216
(509) 927-6317
Test Code: 1511

Test Results:

LOT: 607866B1 CAST: 041 DROP: 43 INGOT: 3

Melted in USA
Country of Smelt (Primary): CANADA
Country of Smelt (Secondary): CANADA
(ASTM E8/B557)
(EN 2002-1)

Tensile: Temper	Dir/#Tests	Ultimate KSI (MPA)	Yield KSI (MPA)	Elongation %
T651	LT / 03 (Min:Max)	49.3 : 50.3 (340 : 347)	44.4 : 45.9 (306 : 316)	12.7 : 13.2

(ASTM E1251)

Chemistry:	SI	FE	CU	MN	MG	CR	ZN	TI	V	ZR	OTHER
Actual	0.74	0.56	0.31	0.10	1.0	0.20	0.10	0.02	0.01	0.00	TOT 0.03

Chemistry:	SI	FE	CU	MN	MG	CR	ZN	TI	V	ZR	OTHER
6061	MIN 0.40	0.00	0.15	0.00	0.8	0.15	0.00	0.00	0.00	0.00	MAX 0.05
	MAX 0.8	0.7	0.40	0.15	1.2	0.35	0.25	0.15	0.05	0.05	TOT 0.15

Aluminum Remainder

MISCELLANEOUS NOTES

6061 sheet or plate certified to AMS 4025, AMS 4026, or AMS 4027 also meets applicable requirements of canceled specification AMS-QQ-A-250/11, Rev. A.

CERTIFICATION

Kaiser Aluminum Washington, LLC, has a Quality Management System which is in compliance with ISO 9001, AS9100, and ISO 14001. All material shipped under this order: * has been inspected, tested, and found to be in conformance with the requirements of the specifications indicated herein. All test equipment and measuring devices are calibrated and certified in accordance with applicable specifications. For material thicknesses outside specification limits, mechanical properties are as shown herein and chemical composition meets specification requirements. Reported elongation values have been measured as elongation at fracture. * was melted in the United States of America or a qualifying country per DFARS 225.872-1(a), was manufactured in the United States of America, and meets the requirements of DFARS 252.225 for domestic content. * has been thermally processed in compliance with AMS 2772, where applicable. * is mercury free, within the limits of detection of ASTM E1251 (<1ppm). * is free of weld repair. * meets the reporting requirements of EN10204, Type 3.1. Kaiser Aluminum Washington, LLC, has complied with all producer requirements of AS6279. For additional information (Nadcap certifications, Safety Data Sheets, RoHS, REACH, Conflict Minerals, etc.), refer to Kaiser's corporate website at www.kaiser-aluminum.com. Any and all warranties are limited to those shown on Kaiser Aluminum's standard general terms and conditions of sale. Test reports are on file, subject to examination. Test reports shall not be reproduced except in full, without the written approval of the Kaiser Aluminum laboratory. The recording of false, fictitious or fraudulent statements or entries on the certificate may be punished as a felony under federal law.

BILL POYNOR, LABORATORY MANAGER



Plant Serial: 4882905

Kaiser Order Number: 1447013

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