



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



Certificate

Purchase Order PO26191751	Order Date 5/15/2026	Placed By Christopher Berger	McMaster-Carr Number 7498672-02	Number of Certificates 1
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Line	Product	Ordered	Status	Certificate
3	89015K239 Multipurpose 6061 Aluminum Sheet, 1/8" Thick, 8" x 8"	2 each	2 each deliver May 18	345-7756

SHIP TO:
 COPPER & BRASS SALES
 13338 ORDEN DRIVE BUILDING H
 SANTA FE SPRINGS, CA 90670

SOLD TO:
 COPPER & BRASS SALES
 ATTN: ACCOUNTS PAYABLE
 P.O. Box 5116
 SOUTHFIELD, MI 48086



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

CERTIFIED TEST REPORT

Serial Number
 4880050

CUSTOMER PO NUMBER: 5400805458-00060	WORK PACKAGE:	CUSTOMER PART NUMBER: ALFLR01658	SHIP RUN/LOAD: 201441/10	GOV'T CONTRACT NUMBER:	
KAISER ORDER NO: 1444348-6	SHIP DATE: 3-APR-2026	ALLOY: 6061	CLAD: BARE	TEMPER: T6	PRODUCT DESCRIPTION: Kaiser Stretched
WEIGHT SHIPPED: 3815 LB (1730.47 KG)	QUANTITY: 46 PCS EST.	TRUCK B/L #: 20126566	GAUGE: 0.1250 IN (3.1750 MM)	DIAMETER/WIDTH: 48.000 IN (1219.2 MM)	LENGTH: 144.000 IN (3657.6 MM)

MHU 3047634: LOT 651454B1: 46 pieces;

Certified Specifications

AMS 4027/RevP
 CMMP 025/RevW

ASTM B209/B209M/Rev21A

CMMP 019/RevD

Test Code: 1511

Lot: 651454B1 Cast 385

Drop 30

Test Results

Ingot 4

Melted in USA

Country of Smelt (Primary): CANADA

(ASTM E8/B557)
 (EN 2002-1)

Tensile:	Temper	Dir / # Tests	Ultimate KSI (MPA)	Yield KSI (MPA)	Elongation %
	T6	LT / 2 (Min:Max)	46.8 : 47.3 (323 : 326)	42.6 : 43.0 (294 : 296)	12.1 : 12.1

(ASTM E1251)

Chemistry:	SI	FE	CU	MN	MG	CR	ZN	TI	V	ZR	OTHER
Actual(wt%)	0.79	0.60	0.33	0.02	1.0	0.21	0.02	0.01	0.01	0.00	TOT 0.02

ALLOY LIMITS

	SI	FE	CU	MN	MG	CR	ZN	TI	V	ZR	OTHER	MAX
6061												
MIN(wt%)	0.40	0.00	0.15	0.00	0.8	0.15	0.00	0.00	0.00	0.00	EACH	0.05
MAX(wt%)	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

From: ThyssenKrupp Materials NA

Cust. MCMaster-CARR SUPPLY CO

Del.: 2411150425

CstAr 6500

CstOr FA-28577770

Wgt.: 169.344 LB

Date 04/28/2026



CERTIFIED TEST REPORT

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

Serial Number
4880050

TEST 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.kaiseraluminum.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 Poyner, Laboratory Manager

Page 2 of 2

From: ThyssenKrupp Materials NA

Cust. MCMaster-CARR SUPPLY CO

Del.: 2411150425

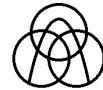
CstAr 6500

CstOr FA-28577770

Wgt.: 169.344 LB

Date 04/28/2026

Copper and Brass Sales
 thyssenkrupp Engineered Plastics
 divisions of thyssenkrupp Materials NA



thyssenkrupp

thyssenkrupp Materials NA 2800 W Higgins Rd Hoffman Estates IL 60169

DELIVERY NOTE

MCMaster-CARR SUPPLY CO
 9630 NORWALK BLVD
 SANTA FE SPRINGS CA 90670-2932



DATE: 04/23/2026
 DOC. NO: 2411150425*
 BOL. NO: 2411150425
 ORDER NO: 1406551284
 YOUR P/O: FA-28577770
 CUSTOMER NO: 10030240
 Route: **006-G**
 CONTACT: Robert Moss
 TEL: 800-926-2600 ext 33311
 FAX:
 EMAIL: Robert.Moss@thyssenkrupp-materials.com

GET ALL DELIVERY PAPERWORK AT
 MATERIALSPLUS.COM

Client: MCMaster-CARR SUPPLY COCHICAGO, IL 60680-5516, US
 Deliveries are carried out for your account and risk acc. to our Gen. Terms & Cond. of Delivery and Payment.

ITEM	DESCRIPTION	NET QTY1 / QTY2	PACKAGE					
0010	NO GRAIN DIRECTION REQUIRED		1016770076					
	ALFLR00124	216	PC					
	6061 Aluminum T6 Sheet							
	0.12500 (+ -.006) X Width 8.0000 + /-.063 X Length 8 + /-.125 GRAIN	169.344	lb					
	DIRECTION-NO PREFERENCE							
	Shearing - Standard							
	Nominal Chemistry/Nom Physical							
	Standard Packaging							
	Cust Part No.: 6500							
TAGNUM	QTY	UOM	VEND	VENDPO	HLOT	PCS	---	COM
1022248359	216	PC	KAISER AL	5400805458	651454B1	216		
SAE AMS 4027;ASTM B 209/B 209M								

Total Gross Weight 194.344 lb

All items, not declared as partial delivery, are final quantities.

Delivery Terms: PPD gem. Incoterms 2000 Prepaid

CERTIFICATE OF COMPLIANCE
 We hereby certify that mercury or any of its compounds are not used in the processing and distribution of our products. The products we distribute are not hazardous in their received state. For Safety Data Sheets, go to www.thyssenkrupp-materials-na.com/resources/safety-data-sheets. We hereby certify that the material above complies with the above specifications as well as the specification revisions listed on the accompanying material test report.

Jonathan Dika # Director of Quality and Continuous Improvement