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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
5	8975K939 Multipurpose 6061 Aluminum Bar, 1-1/4" Thick x 1-3/4" Wide, 2 Feet Long	1 each	1 each delivers April 1	298-9338



CERTIFIED TEST REPORT

<https://Online.KaiserAluminum.com>

KAISER ALUMINUM
 FABRICATED PRODUCTS, LLC
 6250 EAST BANDINI BLVD
 LOS ANGELES, CA 90040-3168

CUSTOMER PO NUMBER: 5400788062-10		CUSTOMER PART NUMBER: ALREC00268		PRODUCT DESCRIPTION: 1.250 X 1.750 SC RECT BAR			
KAISER ORDER NUMBER: 5178360	LINE ITEM: 010	SHIP DATE: 10/03/2025	KAISER LOT NUMBER: HK812-546	ALLOY: 6061	TEMPER: T6511		
WEIGHT SHIPPED: 2038.000 LB	QUANTITY: 66.000 PCS	B/L NUMBER: 553424	DIAM/DAF/THKNS:	WIDTH:	LENGTH: 12.000 FT		
SHIP TO: THYSSENKRUPP MATERIALS NA, INC 13338 ORDEN DR, BLDG H SANTA FE SPRINGS, CA 90670 USA			SOLD TO: THYSSENKRUPP MATERIALS NA, INC PO BOX 5116 SOUTHFIELD, MI 48086-5116 USA				

Actual Physical Properties

REFERENCE	DASH#	SAMPLE#	UTS (KSI)	YTS (KSI)	ELONG%	HARDNESS	CONDUCT.	BEND
HK812-546	0001	0001	45.7	40.5	20.0	RE 95	N/A	N/A
HK812-546	0001	0002	45.5	40.8	21.0	RE 95	N/A	N/A
HK812-546	0001	0003	45.2	40.3	19.0	RE 93	N/A	N/A
HK812-546	0001	0004	45.2	37.8	18.0	RE 94	N/A	N/A

Chemical Composition (wt%), Aluminum Remainder

LIMITS	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Pb	Bi	Zr	Ea	Tot
Maximum	0.8	0.70	0.40	0.15	1.2	0.35	0.25	0.15	NA	NA	NA	0.05	0.15
Minimum	0.40		0.15		0.8	0.04			NA	NA	NA		
051352	.60	.35	.21	.07	.90	.09	.05	.02	.00	.00	.00	.01	.03

Applicable Requirements:

ASTM B221-21 (6061-T6511); AMS-QQ-A-200/8A (PROFILES); EXCEPTIONS: SATISFIES REQUIREMENTS OF 6061-T6/T6511.
 EXCEPTION TO LATEST REVISION OF ASTM B666, NO STEN
 CIL FOR MATERIAL <0.750"DIAMETER OR FLAT SURFACE, ALL PRODUCT FORMS., 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.

Plant Serial: 00598777

Kaiser Order Number: 5178360

Page 1 of 2

Line Item: 010

From: ThyssenKrupp Materials NA

Cust. MCMaster-CARR SUPPLY CO

Del.: 2410873633

CstAr 6664

CstOr FA-21337850

Wgt.: 103 LB

Date 10/31/2025

**KAISER
ALUMINUM**

Best in Class

CERTIFIED TEST REPORT

<https://Online.KaiserAluminum.com>

KAISER ALUMINUM
FABRICATED PRODUCTS, LLC
6250 EAST BANDINI BLVD
LOS ANGELES, CA 90040-3168

MISCELLANEOUS NOTES

MANUFACTURED IN USA MELTED IN USA
MERCURY IS NOT UTILITZED BY KAISER ALUMINUM IN THE MANUFACTURE OF THIS MATERIAL.
STUCTURAL 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.

Helen Martinez-Reynoso, Quality Manager



Plant Serial: 00598777
Kaiser Order Number: 5178360
Line Item: 010

From: ThyssenKrupp Materials NA
Cust. MCMaster-CARR SUPPLY CO Del.: 2410873633
CstAr 6664 CstOr FA-21337850
Wgt.: 103 LB Date 10/31/2025