

PO#

Sapa:

Sapa Industrial Extrusions
1550 KIRBY LANE
SPANISH FORK, UT
84660-1349

Certified Inspection Report

Sales Order Number	1101244331	Elon No.	7	Customer P/O	5400355370-0070	Cert Number	SAP/2677336	Page	2 of 2
						Cert Creation Date	18-JUN-17	Cert Print Date	18-JUN-17

Alloy	Ti		Others Each		Others Total	
	Min	Max	Min	Max	Min	Max
6061	---	0.15	---	0.05	---	0.15

Composition Results

Heat / Cast	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Others Each	Others Total
4040794	0.73	0.31	0.30	0.12	0.93	0.14	0.03	0.02	---	---

Mechanical Property - Test Limits

Test Temper	Lot Number	# of Tests	UTS - L		TYS - L		EL 4ID-Long	
			MIN Value	MAX Value	MIN Value	MAX Value	MIN Value	MAX Value
TK511H	22822717	1	56.5	56.5	51.4	51.4	13.0	13.0

Get Notes

Products manufactured with a T6511 temper also meet T6 temper requirements.
 Yield strength has been determined by the 0.2% offset method
 All mill finish alloys produced at Sapa Industrial Extrusions comply with Directive 2011/65/EU (ROHS 2) with the exception of 6262 alloy
 In accordance with EN 10204 Inspection Certificate Type 3.1
 Made in the USA or Qualifying Countries (as defined in Defense Federal Acquisition Regulation Supplement (DFARS) Section 225.372-1)
 Manufactured in the United States
 Manufactured in the United States

From: TK Materials CA, Ltd.
 Cust. NEXXA INDUSTRIES LTD
 CstAr
 Wgt.: 88.500 LB

Del.: 2405447641
 CstOr 80152
 Date 09/15/2017



sapa

Sapa Industrial Extrusions
1550 KIRBY LANE
SPANISH FORK, UT
84660-1349

Sapa Extrusions Inc., a Subsidiary of Sapa AB

Invoice To Customer

THYSSENKRUPP MATERIALS CA LTD
COPPER & BRASS SALES
ACCOUNTS PAYABLE
P.O. BOX 5116
SOUTHFIELD, MI - 48086-5116

Ship To Customer

THYSSENKRUPP MATERIALS CA LTD
COPPER & BRASS SALES CANADA
9451 45 AVE NW
EDMONTON, AB - T6E 6B9

Certified Inspection Report

Sales Order Number 1101244331	Line No. 7	Customer P/O 5400355570-0070	Cert Number SAPA2677336	Page 1 of 2
			Cert Creation Date 18-JUN-17	Cert Print Date 18-JUN-17

Quantity Shipped 1419 LB	Date Shipped 18-JUN-17	Item Description ACC-U-LINE Extruded ACC-U-ROD 8.000 DIA +/-030 SECT 568740 144.000 IN LN FIN M-MILL W/F 59.112 F 1 CS 8 6061/T6511H Marking CONTINUOUS;	Specification ASTMB221 REV 14 AMS-QQ-A-2008 REV A ASMESE221 REV 09 Meets 6061-T6511H, 6061-T6511 REV
B/L 843302	Item No. G03973584		
Delivery Id 4907135	Item No. Rev --		
Customer Part No. ALRD000012			

Applicable Specifications, Revisions and Exemptions

COMPOSITION NOTE: The values for 'Others Each' and 'Others Total' have met the limits as shown on this certified inspection report. Remainder is Aluminum.

Legal Statement

We hereby certify that, unless otherwise indicated, the material covered by this report has been manufactured, inspected and tested in accordance with, and has been found to meet, the applicable requirements described herein, including any specifications forming a part of the description and that samples representative of the material met the composition and had the mechanical properties shown on the face of this certification. Also, note that mercury is not a normal contaminant in aluminum alloys and neither it nor any of its compounds are used in the manufacture of our product. This certification is not to be reproduced in partial form without prior written approval of our Quality Assurance Dept.

Signature And Title



Steven Tanner
Quality Control Manager

18-JUN-17

Quantities per Lot / Packages

Package Number	Lot Number	Quantity	UOM	Gross Weight	Net Weight
G12-PKG2991294	22822717	2	PCS	1425	1419

Composition Limits

Alloy	Si		Fe		Cu		Mn		Mg		Cr		Zn	
	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
6061	0.40	0.80	—	0.70	0.15	0.40	—	0.15	0.80	1.20	0.04	0.35	—	0.25

Sep 18/17 i-c-2

From: TK Materials CA, Ltd.
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CSTAR

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