

HT# 4035140



Sapa Industrial Extrusions  
53 POTTSVILLE STREET  
-  
CRESSONA, PA  
17929-0187

Sapa Extrusions Inc., a Subsidiary of Sapa AB

Invoice To Customer

RYERSON CANADA  
161 THE WEST MALL  
-  
-  
ETOBICOKE, ON - M9C 4V8

Ship To Customer

RYERSON CANADA  
7910-40 STREET S.E.  
-  
-  
CALGARY, AB - T2C 2Y3

Certified Inspection Report

Sales Order Number		Customer P/O	Cert Number	Page
1100859772	Line No. 1	762730-1	SAPA1151815	1 of 3
Delivery Id		Item No. Rev	Cert Creation Date	Cert Print Date
4640833	--		12-MAR-15	12-MAR-15
Customer Part No.				
51666880				

Quantity Shipped	Unit	Date Shipped	Item Description	Specification
33000	LB	12-MAR-15	ACC-U-LINE Extruded ACC-U-ROD 8.000 DIA +/-030	ASTMB221 REV 14 AMS-QQ-A-200/8 REV 1997 RA 2012 ASMESB221 REV 09 Meets 6061-T6511H, 6061-T6511 REV
B/L		Item No.	SECT 568740 134.000 IN LN FIN M-MILL	
617345		G031002734	W/F 59.112 F 1 CS 8	
Delivery Id		Item No. Rev	6061/T6511H Marking CONTINUOUS;	
4640833		--		
Customer Part No.				
51666880				

Applicable Specifications, Revisions and Exceptions

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

*William T. Martin, III*

William Martin III  
Tech/Quality Manager

12-MAR-15

Quantities per Lot / Packages

Package Number	Lot Number	Quantity	UOM	Weight	
				Gross	Net
G12-PKG2420056	22035962	2	PCS	1326	1320
G12-PKG2420057	22035962	2	PCS	1326	1320
G12-PKG2420063	22035962	2	PCS	1326	1320
G12-PKG2420063	22035962	--	--	--	--
G12-PKG2420077	22035962	2	PCS	1326	1320
G12-PKG2420078	22035962	2	PCS	1326	1320
G12-PKG2420094	22035962	2	PCS	1326	1320
G12-PKG2420095	22035962	2	PCS	1326	1320
G12-PKG2420110	22035962	2	PCS	1326	1320



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SAPA1151815	Page 2 of 3
Cert Creation Date	Cert Print Date
12-MAR-15	12-MAR-15

Sales Order Number	Line No.	Customer P/O
1100859772	1	762730-1

Package Number	Lot Number	Quantity	UOM	Weight	
				Gross	Net
G12-PKG2420110	22035962	--	--	--	--
G12-PKG2420111	22035962	2	PCS	1326	1320
G12-PKG2420111	22035962	--	--	--	--
G12-PKG2420122	22035962	2	PCS	1326	1320
G12-PKG2420123	22035962	2	PCS	1326	1320
G12-PKG2420129	22035962	2	PCS	1326	1320
G12-PKG2420130	22035962	2	PCS	1326	1320
G12-PKG2420134	22035962	2	PCS	1326	1320
G12-PKG2420134	22035962	--	--	--	--
G12-PKG2420140	22035962	3	PCS	1986	1980
G12-PKG2420141	22035962	2	PCS	1326	1320
G12-PKG2420141	22035962	--	--	--	--
G12-PKG2420147	22035962	3	PCS	1986	1980
G12-PKG2420156	22035962	2	PCS	1326	1320
G12-PKG2420157	22035962	3	PCS	1986	1980
G12-PKG2420168	22035962	3	PCS	1986	1980
G12-PKG2420171	22035962	3	PCS	1986	1980
G12-PKG2420171	22035962	--	--	--	--
G12-PKG2420172	22035962	3	PCS	1986	1980

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



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**Composition Results**

Heat / Cast	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Others Each	Others Total
4035140	0.76	0.38	0.33	0.12	0.97	0.14	0.04	0.02	--	--
Heat / Cast	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Others Each	Others Total
4035146	0.76	0.32	0.35	0.13	0.95	0.15	0.04	0.02	--	--

**Mechanical Property - Test Limits**

Test Type		UTS - L	TYS - L		EL 4D-Long	
UOM		KSI	KSI		PCT	
# of Test		--	--		--	
Test Temper	Lot Number	# of Tests	MIN Value	MAX Value	MIN Value	MAX Value
T6511H	22033962	1	55.4	55.4	51.1	51.1
					11.8	11.8

**Cert 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  
 Melted in the USA or "Qualifying Countries" (as defined in Defense Federal Acquisition Regulation Supplement (DFARS) Section 225.871-1)  
 Manufactured in the United States