

# Certified Inspection Report

Sales Order Number		Customer P/O	Cert Number	Page
1319507	Line No. 9.1	519961 Line NO:11	2443491	1/2
Quantity Shipped		Date Shipped	Cert Creation Date	Cert Print Date
Inspection Category		Item No.	23-APR-21	23-APR-21
MILL CERTS		A221124389R04		
Delivery Number		Customer Account Number		
27419418		102913		
Customer Part No				
PL608202000G				

Item Description	
BARE, 6082-T651, ROLLED PLATE BARE HTGCE STANDARD BI-LAT TOLS, KITTS_GREEN SAWED, MILL FINISH, NONE 20.0 MMT TK [+700/-700] 0.7874 INH TK 1520.0 MMT WD [+8.000/-0] 59.8425 INH WD 3020.0 MMT LN [+10.000/-0] 118.898 INH LN P V5 MAX GROSS WEIGHT 2000.0 KGM 4409.0 LB ---SPEC 1: EN 485 TOL:2003 SPEC 2: EN 485 6082 T651:2016	

**Header Notes**  
This single document represents the combined Certificate of Conformity(CoC) & Inspection Certificate and complies with EN 10204 type 3.1.  
The site is approved to BS EN9100:2016 & ISO9001:2015 (FM12976 - BS1) and ISO 14001:2015 (US012293 - BV). Please check the notes section on this CoC for the specific customer approvals relevant to this order  
Material Safety Data Sheets available at www.arconic.com  
Refer to our Sale Conditions as per original order acknowledgement for product liability statement

Arconic Europe - Flat Rolled Products  
PO Box 383, Kitts Green Road,  
Kitts Green, BIRMINGHAM, B33 9QR  
UNITED KINGDOM  
Tel:44 (0)121 252 8000 Fax:44 (0)121 252 8001



**Invoice To Customer**  
THYSSENKRUPP AEROSPACE FINLAND OY  
PL 1000  
HELSINKI, 00781, FI

**Ship To Customer**  
THYSSENKRUPP AEROSPACE FINLAND OY  
JALOSTAMONTIE 1  
JAMSANKOSKI, 42300, FI

AL608202000 G  
NE 26R 869 - 26R 870  
26R 872 - 26R 873

**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. 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.

**Inspection Stamp**  
JVB  
311

**Signed for and on behalf of Arconic Manufacturing (GB) Limited trading as Arconic Europe Flat Rolled Products**  
  
Electronic signature of approver  
Rebecca-Louise Mobbs, Signatory Release

**Quantities per Lot / Packages**


Package Number	Lot/Slab	Mult Number	Number Of Plates	Weight in KGM	
				Gross	Net
BS521-30079	5535201/IG3181A	--	1	--	252
BS521-30079	5535202/IG3181A	--	2	--	503
BS521-30079	5535203/IG3181A	--	2	--	503
BS521-30079	5535204/IG3181A	--	1	1542	252
TOTAL	for Packages	--	6	1542	1510

NE 26R 869  
NE 26R 870  
NE 26R 872  
NE 26R 873

**Composition Results**

Cast Number	Si PCT	Fe PCT	Cu PCT	Mn PCT	Mg PCT	Cr PCT	Zn PCT	Ti PCT
IG3181A	1.1	0.23	0.06	0.6	0.7	0.03	0.06	0.03

# Certified Inspection Report


**ARCONIC**  
 Arconic Europe – Flat Rolled Products  
 PO Box 383, Kitts Green Road,  
 Kitts Green, BIRMINGHAM, B33 9QR  
 UNITED KINGDOM  
 Tel:44 (0)121 252 8000 Fax:44 (0)121 252 8001

<b>Sales Order Number</b> 1319507	<b>Customer P/O</b> 519961 Line NO:11
<b>Line No.</b> 9.1	<b>Cert Number</b> 2443491
<b>Line No.</b> 9.1	<b>Cert Creation Date</b> 23-APR-21
	<b>Page</b> 2/2
	<b>Cert Print Date</b> 23-APR-21

### Composition Results

Cast Number	Others Total PCT
1G3181A	0.00

### Stretching - Test Results

Test Type		Stretch %	
UOM		PCT	
		---	
Temper	Lot	Min	Max
T651	5535201	1.7	1.7
T651	5535202	1.7	1.7
T651	5535203	1.7	1.7
T651	5535204	1.7	1.7

### Tensile Properties Test

#### Test Results

Temper	Lot	Test Dir, Pos'n	Gauge Length	Test Type		Elongation %	0.2% Proof Stress
				UTS	MPA		
				UOM			
				---			
				Results	Results	Results	Results
T651	5535201	T651,LT,A,C,,3W	5	337.3	12.9	319.4	319.4
T651	5535202	T651,LT,A,C,,3W	5	338.6	11.6	318.5	318.5
T651	5535203	T651,LT,A,C,,3W	5	338.1	11.7*	317.1	317.1
T651	5535204	T651,LT,A,C,,3W	5	338.5	13.4	317.5	317.5

### Certification Notes

SFR LOT NUMBER : 1741455352 - LOT NUMBER : 5535203  
 SFR LOT NUMBER : 1741455352 - LOT NUMBER : 5535201  
 SFR LOT NUMBER : 1741455352 - LOT NUMBER : 5535202  
 SFR LOT NUMBER : 1741455352 - LOT NUMBER : 5535204  
 ALUMINIUM ALLOY PLATE

Package Number : HTGE  
 \* Fracture outside centre half of gauge length.  
 Material : EN 485 6082 T651 , Revision 2016  
 Inspection : EN 485 TOL , Revision 2003  
 Technical : EN 573-3 , Revision 2019 , Aluminium  
 and aluminium alloys - Chemical composition and forms of wrought products  
 Test Method : ISO 6892-1 , Revision 2020 , Metallic materials -  
 Tensile testing / Part 1: Method of test at room temperature. method B