

# Certified Inspection Report

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

PL608202000G1  
 NE 261882-261882

Sales Order Number	Customer P/O	Cert Number	Page
1317954	519813 Line NO:13	2441753	1/2
Line No.	13.1	Cert Creation Date	Cert Print Date
		09-MAR-21	09-MAR-21

Quantity Shipped	Date Shipped	Item Description
Inspection Category	Item No.	BARE, 6082-T651, ROLLED PLATE BARE HTGE STANDARD BI-LAT TOLS, KITTS_GREEN SAWED, MILL FINISH, NONE 20.0 MMT TK [+600/-600] 0.7874 INH TK 1020.0 MMT WD [+8.000/-0] 40.1575 INH WD 2020.0 MMT LN [+9.000/-0] 79.528 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
MILL CERTS	A221131486R01	
Delivery Number	Customer Account Number	
27405599	102913	
Customer Part No		
PL608202000G1		



**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 (FMI2976 - BSI) 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

**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**

**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
BS521-10033	3402201/IG1473B	--	6	--	668
BS521-10033	3402202/IG1473B	--	4	1131	445
TOTAL	for Packages	--	10	1131	1113

NE 261882  
NE 261882

**Composition Results**

Cast Number	Si PCT	Fe PCT	Cu PCT	Mn PCT	Mg PCT	Cr PCT	Zn PCT	Ti PCT
IG1473B	1.1	0.17	0.04	0.6	0.8	0.02	0.02	0.03

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## Composition Results

Cast Number	Others Total PCT
1G1473B	0.03

## Stretching - Test Results

		Stretch %	
Test Type		PCT	
UOM		---	
Temper	Lot	Min	Max
T651	3402201	1.7	1.7
T651	3402202	1.7	1.7

## Tensile Properties Test

### Test Results

		UTS	Elongation %	0.2% Proof Stress
Test Type		MPA	PCT	MPA
UOM		---	---	---
Temper	Lot	Results	Results	Results
Gauge Length		318.7	11.7*	298.8
T651	3402201	321.6	12.6*	301.6
T651	3402202			

## Certification Notes

SFR LOT NUMBER : 1041434022 - LOT NUMBER : 3402202  
 SFR LOT NUMBER : 1041434022 - LOT NUMBER : 3402201  
 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