

COMPONENTE: VESSEL PART:	LOTTO: LOT:	MATERIALE MATERIAL	FORNITORE SUPPLIER	CERTIFICATO CERTIFICATE	COLATA HEAT
TELAIO FRAME	10128	AISI 304L 1.4307	OUTOKUMPU SPA 771882 / 2022	1100917003	ZA493

No.19 Bao-an Road, Yong-an District, Kaohsiung,
City, 828 Taiwan
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檢查證明書

MILL TEST CERTIFICATE

EN10204:2004/3.1

聯國金屬工業股份有限公司
Lien Kuo Metal Industrial Co., Ltd.



Customer: Network Steel Suisse AG Certificate No.: 1100917001
Product: Cold Rolled Stainless Steel Coil Surface Finish: 2B
Specification / Steel Grade: ASTM A240/480 AISI 304/304L(1.4301/1.4307)

Date: 2021/9/17
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Specification / Steel Grade :
ASTM A240/A480 AISI 304/304L (1.4308/1.4301)

Product ID.

min.

max.

1100826-11

1100831-71

1100831-72

1100831-70

1100831-74

1100831-29

1100831-30

化學成分 (%)

C

Si

Mn

P

S

Cr

Ni

Cu

N

Mo

0.030

0.75

2.00

0.045

0.030

18.00

8.00

0.022

0.49

1.37

0.030

0.0026

18.11

8.03

0.06

0.0640

0.05

0.022

0.43

1.41

0.031

0.0018

18.21

8.02

0.04

0.0610

0.04

0.028

0.42

1.37

0.034

0.0027

18.19

8.02

0.05

0.0600

0.04

0.026

0.46

1.37

0.030

0.0019

18.03

8.01

0.04

0.0570

0.05

0.023

0.40

1.42

0.031

0.0016

18.19

8.01

0.05

0.0640

0.04

0.026

0.42

1.36

0.030

0.002

18.16

8.04

0.05

0.061

0.04

0.024

0.38

0.83

0.035

0.008

18.02

8.04

0.34

0.038

0.37

降伏強度
Yield Strength

205

351

355

345

369

362

304

302

N/mm2

N/mm2

抗拉強度
Tensile Strength

520

672

690

684

694

674

662

648

N/mm2

伸長率
Elongation (%)

40

55

55

55

53

53

52

51

硬度 Hardness

90

87

85

HRB

HV

200

168

168

170

181

173

180

172

200

168

168

170

181

173

180

172

物理試驗 Mechanical Test

重量
Weight

20,335

20,360

15,920

20,390

18,710

19,870

19,680

135,265

KG

KG

KG

KG

KG

KG

KG

KG

KG

Product ID

1100826-11

1100831-71

1100831-72

1100831-70

1100831-74

1100831-29

1100831-30

Heat No.

ZA659

ZA669

ZA671

ZA043

ZA214

TS569D06

YU196814

Dimension

0.80 mm * 1500 mm * Coil

0.80 mm * 1500 mm * Coil

0.80 mm * 1500 mm * Coil

1.00 mm * 1500 mm * Coil

1.20 mm * 1500 mm * Coil

1.50 mm * 1500 mm * Coil

1.50 mm * 1500 mm * Coil

QTY

1

1

1

1

1

1

1

Subtotal

7

Inspection Department

Remark:

1. Mill Test Certificate in Accordance with EN10204:2004, Type 3.1, ASTM A240/A240M, ASME SA240, DIN EN 10088-2

2. Tolerances acc.to DIN EN ISO 9445-2.

3. Technical Condition According to EN 10028-7, AD 2000 W0W2/W10, DGRL 2014/68/EU(PED).

4. Intergranular Corrosion Test EN ISO 3651-2, NACE MR0175-2003/ISO 3651-3.

5. Invoice Number and Date: NSS100917-10.2 17 September 2021

6. " free from radioactive "

COPY CONFORMING TO THE ORIGINAL

Outokumpu S.r.l.

NAME

SIGNATURE

吳明光

COPY CONFORMING
TO THE ORIGINAL
Outokumpu S.r.l.
NAME
SIGNATURE

Remark: 1. Mill Test Certificate in Accordance with EN10204:2004, Type 3.1, ASTM A240/A240M, ASME SA240.

- DIN EN 10088-2
- Tolerances acc.to DIN EN ISO 9445-2.
- Technical Condition According to EN 10028-7, AD 2000 W0/W2M10, DGRL 2014/68/EU(PED).
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Customer: Network Steel Suisse AG Certificate No.: 1100917003

Product: Cold Rolled Stainless Steel Coil Surface Finish: 2B

Specification / Steel Grade: ASTM A240/480 AISI 304/304L(1.4301/1.4307)

Date: 2021/9/17

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Product ID.	化學成分 (%)											物理試驗 Mechanical Test		
	C	Si	Mn	P	S	Cr	Ni	Cu	N	Mo	Yield Strength N/mm2	抗拉強度 Tensile Strength N/mm2	伸長率 Elongation (%)	硬度 Hardness HRB HV
min.	0.030	0.75	2.00	0.045	0.030	18.00	8.00				205	520	40	
max.														
1100831-43	0.021	0.45	1.25	0.030	0.0015	18.15	8.06	0.03	0.0680	0.03	284	649	54	83
1100831-45	0.020	0.45	1.25	0.030	0.0013	18.23	8.02	0.02	0.0760	0.03	315	649	56	84
1100831-46	0.023	0.38	1.37	0.031	0.0016	18.21	8.02	0.07	0.0550	0.05	276	652	55	84
1100831-47	0.024	0.47	1.43	0.033	0.0022	18.19	8.01	0.05	0.0590	0.04	305	651	53	84
1100831-61	0.026	0.45	1.36	0.032	0.0019	18.10	8.01	0.05	0.0550	0.05	254	632	57	82
1100831-65	0.018	0.42	1.37	0.031	0.002	18.20	8.04	0.05	0.0620	0.04	303	640	55	84
1100831-67	0.021	0.44	1.42	0.035	0.002	18.16	8.01	0.05	0.0580	0.04	332	655	54	84
1100831-75	0.018	0.42	1.26	0.030	0.0013	18.30	8.03	0.03	0.0740	0.03	289	638	58	84
1100831-76	0.019	0.49	1.25	0.030	0.0015	18.21	8.02	0.02	0.0750	0.04	312	649	56	85
Product ID	Heat No.										Dimension			
											QTY			
1100831-43	9Z855										1			
1100831-45	9Z906										1			
1100831-46	ZA493										1			
1100831-47	ZA270										1			
1100831-61	ZA266										1			
1100831-65	ZA394										1			
1100831-67	ZA402										1			
1100831-75	9Z919										1			
1100831-76	9Z905										1			
	Subtotal										9			
											20,200			
											20,290			
											20,155			
											20,035			
											20,070			
											20,070			
											20,120			
											20,235			
											20,190			
											181,365			

Remark:

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吳明輝

Inspection Department