

COMPONENTE: VESSEL PART:	LOTTO: LOT:	MATERIALE MATERIAL	FORNITORE SUPPLIER	CERTIFICATO CERTIFICATE	COLATA HEAT
TELAIO FRAME	10113	AISI 304L 1.4307	OUTOKUMPU SPA 442546 / 2021	68342	512067



INSPECTION CERTIFICATE EN 10204-3.1

Outokumpu Sales Order No.
360021357

Page 1 / 3



Certificate No. 68342
Revision 00
Customer Order No. 510160
Production mill Avesta Plant
Date 29 Jun 2021
Delivery No. 8000068207

Sold to OUTOKUMPU S.r.l. PIAZZA PICCAPIETRA 9 16121 GENOVA ITALY		Product Stainless Steel Cold Rolled Strip, Slit edge, Core 304L/4307		Grade 1.4301 1.4307 TYPE 304 / UNS S30400 TYPE 304L / UNS S30403	
Ship to OUTOKUMPU S.r.l. Via Fustagno 21 26012 CASTELLEONE CR ITALY		Requirements ASTM A240/A240M - 20a EN 10028-7:2016 EN 10088-4:2009 EN 10088-2:2014 AD 2000 W 2, Aug. 01.2020, W 10, Aug. 01.2020 & EN 10028-7:2016 ASME SA-240/SA-240M BPVC.II.A-2019 ASTM A480/A480M - 20a EN ISO 9445-2:2010 ASME SA-480/SA-480M BPVC.II.A-2019 NACE MR0103/ISO 17945:2015 NACE MR0175/EN ISO 15156-1:2020 & NACE MR0175/EN ISO 15156-3:2020			
Mark of manufacturer 		Process E+AOD		Inspector's Stamp 	
Sales order Item 11	Dimensions 8,00 X 1500,0 mm	Quantity (pcs) 1	Weight 18310 kg	Heat No. 512067	Lot No. 002
				Identification No. of Product 512067-002	Customer's Material No.

Chemical Composition

Heat No.	Country of Melt	C %	Si %	Mn %	P %	S %	Cr %	Ni %	N %		
512067	Sweden	0,020	0,39	1,34	0,033	0,001	18,1	8,1	0,069		

Test Results (1=Beginning, 2=Middle, 3=End, T=Transverse, L=Longitudinal, D=Diagonal, RT=Room temperature)

		EN ISO 6892-1 / ASTM A370 (RT)					ASTM E10 / EN ISO 6506-1
Identification No. of Product	Sample ID	RP0.2 MPa	RP1.0 MPa	RM MPa	A5 %	A50 %	HARDNESS HBW
512067-002	Minimum	230	260	540	45	40	201
	Maximum			700			
	1 T 781728	286	316	621	59	61	
512067-002	3 T 781729	283	313	617	61	62	163
		EN ISO 3651-2 A	PMI				
Identification No. of Product	Sample ID	INTERGRANULAR CORROSION		PMI			
512067-002	Minimum						
	Maximum						
	1 T 781728	OK	OK				

Vs. Ord. 353
 Ns. DDT 442546
 Del 16/07/14

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

Outokumpu Stainless AB
 Business Area
 Operations Avesta
 SWEDEN
 Tel: +46 (0)226 811 73
 Regoffice: Stockholm SWEDEN,
 Regno: 556001-8748
 V.A.T no: SE556001874801

This material is found to comply with order requirements

 Joakim Johansson
 Authorized Inspector
 certificates.avesta@outokumpu.com

