



Certificate No.
186288

Revision
00

Customer Order No.
025521-1

Production mill
Avesta Plant

Date
04 Apr 2023

Delivery No.
8000188135

Sold to Ovako Metals Oy Ab Atomitie 5A 00370 HELSINKI FINLAND		Product Stainless Steel Hot Rolled Plate, Slit edge, Core 304L/4307		Grade 1.4301 1.4307 TYPE 304 / UNS S30400 TYPE 304L / UNS S30403	
Ship to Ovako Metals Oy Ab Tuotekatu 3 33840 TAMPERE FINLAND		Requirements AD 2000 W 2, Ausg. 01.2020, W 10, Ausg. 01.2020 & EN 10028-7:2016 ASME SA-240/SA-240M BPVC.II.A-2021 ASTM A240/A240M - 22 EN 10028-7:2016 EN 10088-2:2014 EN 10088-4:2009 NACE MR0175/EN ISO 15156-1:2020 & NACE MR0175/EN ISO 15156-3:2020			
Mark of manufacturer outokumpu		Process E+AOD		Inspector's Stamp 	
Sales order Item 20		Dimensions 12,00 X 1500,0 X 3000 mm		Quantity (pcs) 12	
Weight 5129 kg		Heat No. 530989		Lot No. 2	
Identification No. of Product 530989-2		Customer's Material No. 96-314013		ASME SA-480/SA-480M BPVC.II.A-2021 ASTM A480/A480M - 22 EN ISO 9444-2:2010	

Chemical Composition

Heat No.	Country of Melt	C %	Si %	Mn %	P %	S %	Cr %	Ni %	N %
530989	Sweden	0,016	0,28	1,22	0,033	0,001	18,1	8,2	0,070

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

Identification No. of Product	Sample ID	EN ISO 6892-1 / ASTM A370 (RT)					ASTM E10 / EN ISO 6506-1
		RP0.2 MPa	RP1.0 MPa	RM MPa	A5 %	A50 %	HARDNESS HBW
530989-2	Minimum	210	250	520	45	40	201
	Maximum			700			
530989-2	1 T 819479	333	368	615	58	61	196
530989-2	3 T 819480	346	381	621	59	61	196
		EN ISO 3651-2 A	PMI				
Identification No. of Product	Sample ID	INTERGRANULAR CORROSION					
		Minimum	Maximum				
530989-2	1 T 819479	OK	OK				
530989-2	3 T 819480	OK	OK				

Country of Origin: Sweden

Certified acc. to AD 2000-Merkblatt W0 by TÜV NORD

Avg.t CO2e/t: 1,15

Model verified. Scope 1, 2, 3 - Calculation details available on Outokumpu's website

Solution annealed at 1070 °C/1958 °F. Rapidly cooled with water and air.

DOPS acc. to CPR available on the web page by steel number

Outokumpu Stainless AB Bergsnäsgatan 11 77441 Avesta, Sweden Tel: +46 (0)226 811 73 Regoffice: Stockholm SWEDEN, Regno: 556001-8748 VAT ID: SE556001874801	This material is found to comply with order requirements Joakim Johansson Authorized Inspector certificates.avesta@outokumpu.com	 10 0045 - CPR - 0869 DoP (Declaration of Performance) on: www.outokumpu.com/locations/avesta
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Certified acc. to PED 2014/68/EU by TÜV NORD, notified body, Reg-No. 0045

Marking, visual and dimensional inspection: Approved

Outokumpu Stainless AB
Bergsnäsgratan 11
77441 Avesta, Sweden
Tel: +46 (0)226 811 73
Regoffice: Stockholm SWEDEN,
Regno: 556001-8748
VAT ID: SE556001874801

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Joakim Johansson
Authorized Inspector
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Packing Information

<u>Delivery Item</u>	<u>Identification No. of Product</u>	<u>Batch No.</u>	<u>Quantity(pcs)</u>	<u>Weight</u>	<u>Length</u>
10	530989-2	D039168530	4	1709 kg	
10	530989-2	D039168630	4	1707 kg	
10	530989-2	D039168730	4	1713 kg	

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