



Production mill
Avesta Plant

Certificate No.
283014
Date
22 Jan 2025

Revision
00
Delivery No.
8000290437

Customer Order No.
18594

Sold to Htm Yhtiöt Oy Tiilitehtaantie 23 FI-12310 RYTTYLÄ FINLAND				Product Stainless Steel Hot Rolled Plate, Slit edge, Core 304L/4307 Finish 1D		Grade 1.4301 1.4307 TYPE 304 / UNS S30400 TYPE 304L / UNS S30403	
Ship to Htm Yhtiöt Oy Teollisuuskuja 1 FI-14200 TURENKI FINLAND				Requirements AD 2000 W 2, Ausg. 01.2024, W 10, Ausg. 05.2023 & EN 10028-7:2016 ASME SA-240/SA-240M BPVC.II.A-2023 ASTM A240/A240M - 24 EN 10028-7:2016 EN 10088-2:2024 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 		ASME SA-480/SA-480M BPVC.II.A-2023 ASTM A480/A480M - 24 EN ISO 9444-2:2010	
Sales order Item	Dimensions	Quantity (pcs)	Weight	Heat No.	Lot No.	Identification No. of Product	Customer's Material No.
50	10,00 X 1500,0 X 3000 mm	14	4979 kg	644410	1	644410-1	18594
				644411	1	644411-1	18594

Chemical Composition

Heat No. 644410	Country of Melt Sweden	C % 0,018	Si % 0,47	Mn % 1,23	P % 0,034	S % 0,001	Cr % 18,2	Ni % 8,1	N % 0,063		
Heat No. 644411	Country of Melt Sweden	C % 0,014	Si % 0,38	Mn % 1,64	P % 0,035	S % 0,001	Cr % 18,2	Ni % 8,0	N % 0,066		

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	
644410-1	Minimum	210	250	520	45	40	201	
	Maximum			700				
	1 T 857320	337	393	626	57	59	201	
	3 T 857321	328	384	619	59	61	192	
644411-1	1 T 858182	329	367	613	58	60	187	
644411-1	3 T 858183	329	365	605	58	60	183	
		EN ISO 3651-2 A		PMI				
Identification No. of Product	Sample ID	INTERGRANULAR CORROSION	PMI					
644410-1	Minimum	OK	OK					
	Maximum							
	1 T 857320	OK	OK					
	3 T 857321		OK					
644411-1	1 T 858182	OK	OK					
644411-1	3 T 858183		OK					

Outokumpu Stainless AB Bergsnäsgratan 11 77441 Avesta, Sweden Tel: +46 (0)226 810 00 Regoffice: Stockholm SWEDEN, Regno: 556001-8748 VAT ID: SE556001874801		This material is found to comply with order requirements  Kåke 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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Country of Origin: Sweden

Avg.t CO₂e/t: 0.97

ISO 14067 validated, Cradle-to-gate

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

Certified acc. to PED 2014/68/EU by TÜV NORD, notified body, Reg-No. 0045

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

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

Marking, visual and dimensional inspection: Approved

Outokumpu Stainless AB
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77441 Avesta, Sweden
Tel: +46 (0)226 810 00
Regoffice: Stockholm SWEDEN,
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VAT ID: SE556001874801

This material is found to comply with order requirements

Kåke Johansson

Kåke Johansson
Authorized Inspector
certificates.avesta@outokumpu.com



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0045 – CPR – 0869

DoP (Declaration of Performance) on:
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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>
40	644410-1	D052952730	5	1775 kg	
40	644410-1	D052952930	5	1777 kg	
40	644411-1	D053210030	4	1427 kg	

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