



Certificate No.
205289

Revision
00

Customer Order No.
17596

Production mill
Avesta Plant

Date
28 Aug 2023

Delivery No.
8000208394

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 Teollisuuskujja 1 FI-14200 TURENKI FINLAND		Requirements AD 2000 W 2, Ausg. 03.2022, W 10, Ausg. 06.2022 & EN 10028-7:2016 ASME SA-240/SA-240M BPVC.II.A-2021 ASTM A240/A240M - 22b 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 30		Dimensions 10,00 X 1500,0 X 3000 mm		Quantity (pcs) 14	
Weight 4979 kg		Heat No. 532452		Lot No. 1	
Identification No. of Product 532452-1		Customer's Material No. 17596		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 %
532452	Sweden	0,017	0,29	1,55	0,034	0,001	18,3	8,3	0,066

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
532452-1	Minimum	210	250	520	45	40	201
	Maximum			700			
532452-1	1 T 827108	344	384	628	56	57	196
532452-1	3 T 827109	350	389	628	54	56	196
		EN ISO 3651-2 A	PMI				
Identification No. of Product	Sample ID	INTERGRANULAR CORROSION					
		Minimum	Maximum				
532452-1	1 T 827108	OK	OK				
532452-1	3 T 827109	OK	OK				

Country of Origin: Sweden

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

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

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

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

Avg.t CO2e/t: 0,98

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 KRISTINA WRETSTAM Authorized Inspector certificates.avesta@outokumpu.com	 10 0045 - CPR - 0869 DoP (Declaration of Performance) on: www.outokumpu.com/locations/avesta
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Model verified. Scope 1, 2, 3 - Calculation details available on Outokumpu's website

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
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KRISTINA WRETSTAM

Authorized Inspector
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Packing Information

Delivery Item	Identification No. of Product	Batch No.	Quantity(pcs)	Weight	Length
10	532452-1	D041940830	2	713 kg	
10	532452-1	D041940930	6	2135 kg	
10	532452-1	D041941030	6	2131 kg	

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