



Certificate No.
154547

Revision
00

Customer Order No.
023453-1

Production mill
Avesta Plant

Date
05 Sep 2022

Delivery No.
8000154411

Sold to Ovako Metals Oy Ab Atomitie 5A 00370 HELSINKI 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 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 - 20a EN 10028-7:2016 EN 10088-2:2014 NACE MR0175/EN ISO 15156-1:2020 & NACE MR0175/EN ISO 15156-3:2020 ASME SA-480/SA-480M BPVC.II.A-2021 ASTM A480/A480M - 20a EN ISO 9444-2:2010			
Mark of manufacturer outokumpu		Process E+AOD		Inspector's Stamp 	
Sales order Item 30		Dimensions 12,00 X 1500,0 X 3000 mm		Quantity (pcs) 24	
Weight 10258 kg		Heat No. 221375	Lot No. 704	Identification No. of Product 221375-704	Customer's Material No.

Chemical Composition

Heat No.	Country of Melt	C %	Si %	Mn %	P %	S %	Cr %	Ni %	N %
221375	United Kingdom	0,019	0,33	1,40	0,035	0,001	18,3	8,1	0,070

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
	<u>Minimum</u>	210	250	520	45	40	
	<u>Maximum</u>			700			
221375-704	3 T 806949	351	388	630	55	57	192
221375-704	1 T 806948	345	380	621	58	61	187
		EN ISO 3651-2 A	PMI				
Identification No. of Product	Sample ID	INTERGRANULAR CORROSION					
	<u>Minimum</u>						
	<u>Maximum</u>						
221375-704	3 T 806949			OK			
221375-704	1 T 806948	OK		OK			

Country of Origin: Sweden

Certified acc. to AD 2000-Merkblatt W0 by TÜV NORD, notified body, Reg-No. 0045

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

Marking, visual and dimensional inspection: Approved

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
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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	221375-704	D034065430	2	855 kg	
10	221375-704	D034065530	2	855 kg	
10	221375-704	D034065630	2	855 kg	
10	221375-704	D034065730	2	855 kg	
10	221375-704	D034065830	2	855 kg	
10	221375-704	D034065930	2	855 kg	
10	221375-704	D034066030	2	855 kg	
10	221375-704	D034066130	2	853 kg	
10	221375-704	D034066230	2	855 kg	
10	221375-704	D034066330	2	855 kg	
10	221375-704	D034066430	2	855 kg	
10	221375-704	D034066530	2	855 kg	

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