



Certificate No.
81167

Revision
00

Customer Order No.
14702

Production mill
Avesta Plant

Date
30 Aug 2021

Delivery No.
8000079993

Sold to Htm Yhtiöt Oy Tiilitehtaantie 23 12310 RYTYYLÄ FINLAND		Product Stainless Steel Hot Rolled Plate, Slit edge, Supra 316L/4404 Finish 1D		Grade 1.4401 1.4404 TYPE 316 / UNS S31600 TYPE 316L / UNS S31603			
Ship to Htm Yhtiöt Oy Teollisuuskujia 1 14200 TURENKI FINLAND		Requirements ASTM A240/A240M - 20a EN 10028-7:2016 EN 10088-2:2014 AD 2000 W 2, Ausg. 01.2020, W 10, Ausg. 01.2020 & EN 10028-7:2016 ASME SA-240/SA-240M BPVC.II.A-2019 ASTM A480/A480M - 20a EN ISO 9444-2:2010 ASME SA-480/SA-480M BPVC.II.A-2019 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 4	Dimensions 10,00 X 1500,0 X 3000 mm	Quantity (pcs) 17	Weight 6130 kg	Heat No. 512701	Lot No. 002	Identification No. of Product 512701-002	Customer's Material No.

Chemical Composition

Heat No.	Country of Melt	C %	Si %	Mn %	P %	S %	Cr %	Ni %	Mo %	N %
512701	Sweden	0,018	0,48	1,30	0,033	0,001	17,2	10,1	2,01	0,050

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
512701-002	Minimum	220	260	530	40	40	217
	Maximum			680			
512701-002	1 T 784510	335	374	609	55	57	170
512701-002	3 T 784511	336	374	606	55	57	170
		EN ISO 3651-2 A	PMI				
Identification No. of Product	Sample ID	INTERGRANULAR CORROSION					
		Minimum	Maximum				
512701-002	1 T 784510	OK	OK				

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 KRISTINA WRETSTAM Authorized Inspector certificates.avesta@outokumpu.com
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512701-002	3 T 784511		OK				
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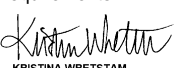
Country of Origin: Sweden

Solution annealed at 1075 °C/1967 °F. Rapidly cooled with water and air.

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

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

Marking, visual and dimensional inspection: Approved

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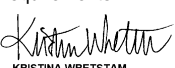
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Packing Information

Delivery Item	Identification No. of Product	Batch No.	Quantity(pcs)	Weight	Length
10	512701-002	D023688330	2	721 kg	
10	512701-002	D023688430	3	1081 kg	
10	512701-002	D023688530	3	1083 kg	
10	512701-002	D023688630	3	1081 kg	
10	512701-002	D023688730	3	1083 kg	
10	512701-002	D023688830	3	1081 kg	

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