



Certificate No.  
108526

Revision  
00

Customer Order No.  
15073

Production mill  
Avesta Plant

Date  
03 Jan 2022

Delivery No.  
8000106895

<b>Sold to</b> Htm Yhtiöt Oy Tiilitehtaantie 23 12310 RYTTYLÄ FINLAND		<b>Product</b> Stainless Steel Hot Rolled Plate, Slit edge, Supra 316L/4404  <b>Finish</b> 1D		<b>Grade</b> 1.4401 1.4404 TYPE 316 / UNS S31600 TYPE 316L / UNS S31603	
<b>Ship to</b> Htm Yhtiöt Oy Teollisuuskujia 1 14200 TURENKI FINLAND		<b>Requirements</b> 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 A240/A240M - 20a 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			
<b>Mark of manufacturer</b> outokumpu		<b>Process</b> E+AOD		<b>Inspector's Stamp</b> 	
<b>Sales order Item</b> 40		<b>Dimensions</b> 12,00 X 1500,0 X 3000 mm		<b>Quantity (pcs)</b> 13	
<b>Weight</b> 5594 kg		<b>Heat No.</b> 211698		<b>Lot No.</b> 785	
<b>Identification No. of Product</b> 211698-785		<b>Customer's Material No.</b> 211698-785			

Chemical Composition

Heat No.	Country of Melt	C %	Si %	Mn %	P %	S %	Cr %	Ni %	Mo %	N %
211698	United Kingdom	0,019	0,47	1,39	0,033	0,002	17,2	10,1	2,05	0,044

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
211698-785	Minimum	220	260	530	40	40	217
	Maximum			680			
211698-785	1 T 788777	343	378	608	57	59	192
211698-785	3 T 788778	352	387	612	55	58	196
		EN ISO 3651-2 A	PMI				
Identification No. of Product	Sample ID	INTERGRANULAR CORROSION					
		Minimum	Maximum				
211698-785	1 T 788777	OK	OK				
211698-785	3 T 788778	OK	OK				

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

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

Certified acc. to AD 2000-Merkblatt W0 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  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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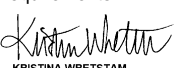
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Packing Information

<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	211698-785	D026210030	3	1291 kg	
40	211698-785	D026210130	4	1721 kg	
40	211698-785	D026210230	3	1291 kg	
40	211698-785	D026210330	3	1291 kg	

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

