



Certificate No.
79694

Revision
00

Customer Order No.
14702

Production mill
Avesta Plant

Date
24 Aug 2021

Delivery No.
8000078625

Sold to Htm Yhtiöt Oy Tiilitehtaantie 23 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 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 outokumpu	Process E+AOD	Inspector's Stamp 					
Sales order Item 2	Dimensions 12,00 X 1500,0 X 3000 mm	Quantity (pcs) 12	Weight 5140 kg	Heat No. 512720	Lot No. 002	Identification No. of Product 512720-002	Customer's Material No.

Chemical Composition

Heat No.	Country of Melt	C %	Si %	Mn %	P %	S %	Cr %	Ni %	N %
512720	Sweden	0,023	0,32	1,44	0,031	0,001	18,2	8,0	0,060

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
512720-002	Minimum	210	250	520	45	40	201
	Maximum			700			
512720-002	1 T 783276	333	367	609	60	62	192
512720-002	3 T 783277	343	378	616	57	60	192
		EN ISO 3651-2 A	PMI				
Identification No. of Product	Sample ID	INTERGRANULAR CORROSION					
512720-002	Minimum						
	Maximum						
512720-002	1 T 783276	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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512720-002	3 T 783277		OK				
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Country of Origin: Sweden

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

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,
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 KRISTINA WRETSTAM

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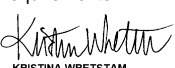
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Packing Information

Delivery Item	Identification No. of Product	Batch No.	Quantity(pcs)	Weight	Length
20	512720-002	D023053130	2	857 kg	
20	512720-002	D023053230	2	855 kg	
20	512720-002	D023053330	2	857 kg	
20	512720-002	D023053430	2	855 kg	
20	512720-002	D023053530	2	859 kg	
20	512720-002	D023053630	2	857 kg	

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