



Production mill
Dillenburg Plant

Certificate No.
61773
Date
25 May 2021

Revision
00
Delivery No.
8000061983

Customer Order No.
509941

Sold to OUTOKUMPU S.r.l. VIA AGNELLO, 8 20121 MILANO ITALY		Product Stainless Steel Cold Rolled Strip, Slit edge, Supra 316L/4404 Finish 2R		Grade 1.4401 1.4404 TYPE 316 / UNS S31600 TYPE 316L / UNS S31603	
Ship to OUTOKUMPU S.r.l. Via Fustagno 21 26012 CASTELLEONE CR ITALY		Requirements ASTM A240/A240M - 20a EN 10028-7:2016 EN 10088-4:2009 EN 10088-2:2014 AD 2000 W 2, Aug. 01.2020, W 10, Aug. 01.2020 & EN 10028-7:2016 ASME SA-240/SA-240M BPVC.II.A-2019 ASTM A480/A480M - 20a EN ISO 9445-2:2010 ASME SA-480/SA-480M BPVC.II.A-2019 NACE MR0103/ISO 17945:2015 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	Dimensions	Quantity (pcs)	Weight	Heat No.	Lot No.
30	2,00 X 1500,0 mm	1	22780 kg	30670	2
				Identification No. of Product	Customer's Material No.
				417512	

Chemical Composition

Heat No.	Country of Melt	C %	Si %	Mn %	P %	S %	Cr %	Ni %	Mo %	N %
30670	Finland	0,024	0,46	1,45	0,035	0,001	17,3	10,0	2,03	0,039

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 A262-E
Identification No. of Product	Sample ID	RP0.2 MPa	RP1.0 MPa	RM MPa	A50 %	A80 %	INTERGRANULAR CORROSION
417512	Minimum	240	270	530	40	50	OK
	Maximum	340		680			
	1 T 790	300	339	629	60	55	
417512	3 T 790	298	332	630	59	54	OK
		ASTM A370 / EN ISO 6508-1	EN ISO 3651-2 A	PMI			
Identification No. of Product	Sample ID	HARDNESS HRBW	INTERGRANULAR CORROSION	PMI			
417512	Minimum						OK
	Maximum	95					
	1 T 790	81	OK	OK			

Vs. Ord. 81
Ns. DDT 441639
Del 17/06/21

**COPY CONFORMING
TO THE ORIGINAL
Outokumpu S.r.l.**
NAME
SIGNATURE

Outokumpu Nirosta GmbH Kasseler Straße 100 35683 Dillenburg, Germany Tel.: +49 (0) 2771 390-315 Company Domicile: Krefeld Commercial Register: District Court Krefeld HRB 12511 VAT-ID: DE811 660170	This material is found to comply with order requirements Jens Lewandowski Authorized Inspector certificates.nirosta@outokumpu.com	 0432-CPR-00052-1
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417512	3 T 790	81	OK	OK			
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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

Marking, visual and dimensional inspection: Approved

Outokumpu Nirosta GmbH
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 35683 Dillenburg, Germany
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Jens Lewandowski

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 Authorized Inspector
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Packing Information

Delivery Item	Identification No. of Product	Batch No.	Quantity(pcs)	Weight	Length
10	417512	A078949100	1	22780 kg	

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