



Certificate No.
180931

Revision
00

Customer Order No.
COV 3384/Petri Lindst

Production mill
Dillenburg Plant

Date
24 Feb 2023

Delivery No.
8000182334

Sold to Cronimo Oy Ab Karhutie 6 01900 NURMIJARVI FINLAND		Product Stainless Steel Cold Rolled Sheet, Slit edge, Therma 4828		Grade 1.4828	
Ship to Cronimo Oy Ab Karhutie 6 01900 NURMIJARVI FINLAND		Requirements EN 10095:1999 EN ISO 9445-2:2010			
Mark of manufacturer outokumpu		Process E+AOD		Inspector's Stamp 	
Sales order Item 20		Dimensions 1,50 X 1500,0 X 3000 mm		Quantity (pcs) 224	
Weight		Heat No. 530234		Lot No. 2	
		Identification No. of Product 433278		Customer's Material No.	

Chemical Composition

Heat No.	Country of Melt	C %	Si %	Mn %	P %	S %	Cr %	Ni %	N %
530234	Sweden	0,05	1,94	1,18	0,025	0,001	19,24	11,04	0,047

Test Results (1=Beginning, 2=Middle, 3=End, T=Transverse, L=Longitudinal, D=Diagonal, RT=Room temperature)

		EN ISO 6892-1 / ASTM A370 (RT)					
Identification No. of Product	Sample ID	RP0.2 MPa	RP1.0 MPa	RM MPa	A80 %		
	<u>Minimum</u>	230	270	550	28		
	<u>Maximum</u>			750			
433278	1 T 682	318	382	636	59		
433278	2 T 682	322	389	645	58		

Country of Origin: Germany

Solution annealed at 1100 °C/2012 °F. Rapidly cooled with water and air.

Avg.t CO2e/t: 4,39

Model verified. Scope 1, 2, 3 - Calculation details available on Outokumpu's website

<p>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</p>	<p>This material is found to comply with order requirements</p> <p></p> <p>Jens Lewandowski Authorized Inspector certificates.nirosta@outokumpu.com</p>
---	---



Certificate No.
 180931

Revision
 00

Customer Order No.
 COV 3384/Petri Lindst

Production mill
 Dillenburg Plant

Date
 24 Feb 2023

Delivery No.
 8000182334

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	433278	A142257800	44		
10	433278	A142262300	45		
10	433278	A142264800	45		
10	433278	A142266100	45		
10	433278	A142266500	45		

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

Jens Lewandowski
 Authorized Inspector
 certificates.nirosta@outokumpu.com