

EN 10204 - 3.1
22102166-EN-0

Business Unit / QCM



BA Quarto Plate, Quarto Plate Europe

Date Datum Date
27-Oct-2022

Load, Ladung, Charge No
235361

Acknowledged ID, Bestätigung, Commande ID
300644984

Your ref, Ihre Ref., Votre ref PO-01335		Requirements, Anforderungen, Exigences EN 10088-4:2009 EN 10088-2:14 EN 10028-7 (PED 2014/68/EU):16 ASME SA-240M Code Sect. II. Part A:2021 ASTM A240M:20	
Buyer, Besteller, Acheteur Sverdrup Steel AS Strandsvingen 2 4032, Stavanger NORGE			
Consignee, Empfänger, Lieu de livraison EDELSTAHL SERVICE CENTER BURG GMBH			

Mark of Manufacturer Zeichen des Lieferwerkes Signe de producteur 	Process Erschmelzungsart Mode de fusion E+AOD	Inspector's stamp Zeichen des Sachverständigen Poinçon de l'expert 	Grade, Werkstoff, Nuance Outokumpu LDX 2101 1.4162 UNS S32101
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Product, Erzeugnisform, Produit
Stainless steel hot rolled, Plate, 1D/No.1, Cut edge

Line Reihe Ligne	Item Position Poste	Heat-Lot No Schmelze-Lot Nr Coulée n° - Lot No	Size Abmessungen Dimensions	Pieces Stückzahl Nombre	Quantity/unit, Menge/Einheit, Quantité/Unité
1	4	523527-439103:0	15,0 X 1500,0 X 3000,0 mm	8	

Plate No, Blech Nr, Tôle No 1 3388 1801,-1802,-1803,-1804,-1901,-1902,-1903,-1904
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Chemical composition - Chemische Zusammensetzung - Composition chimique %
Heat - Schmelze - coulee No

	C	Si	Mn	P	S	Cr	Ni	Mo	Cu	N
Min			4.00			21.0	1.35	0.10	0.10	0.20
Max	0.040	1.00	6.00	0.035	0.005	22.0	1.70	0.80	0.80	0.25
523527	0.024	0.59	4.25	0.029	0.001	21.3	1.55	0.34	0.26	0.22

Distribution Certificate via e-Services.	Direct. T = Transverse L = Longitudinal	Top/Bot F = Front B = Back	Form P = Flat C = Round	Location 1 = Center 2 = Close to Surface 3 = Standard 4 = At 1/4 of thickness
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Test results - Prüfergebnisse - Résultats des essais (1N/mm² = 1MPa)

Mechanical properties
Tensile testing/Hardness Brinell

Plate-no	Direct.	Top/Bot	Location	Form	Temp. °C	Rp 0,2 MPa	Rm MPa	A5 %	A50 %	HB HBW
Min						450	650	30	30	
Max							850			290
1801	T	F	2	P	20	517	706	44	47	227

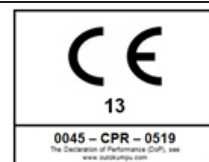
Charpy impact test (V-notch) EN ISO 148-1

Plate-no	Direct.	Top/Bot	Location	Form	Temp. °C	Value1 J	Value2 J	Value3 J	Average J
Min									40
1801	T	F	2	P	20	122	111	125	120

Other Information
Country of melt: Sweden
Manufactured in Sweden.
Solution annealed at 1050°C and Quenched in water.
Dimensional control, visual inspection and grade check (PMI): Approved
Approved acc. to AD2000-Merkblatt W0 and certified acc. to
Pressure Equipment Directive (2014/68/EU) by
TUEV NORD, notified body, reg.no. 0045.
Construction Products Regulation (305/2011/EU)
The Declaration of Performance (DoP), see www.outokumpu.com.

The results comply with the Requirements of the order - Die gestellten Anforderungen sind erfüllt - Les résultats sont conformes aux exigences de la commande







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Tolerance	Standard	Class
Flatness tolerance	EN 18286/A480/M/EN 10029	ISO 18286 N/A480/M/EN 10029 N
Length	EN 18286/A480/M/EN 10029	ISO 18286 A/A480/M/EN 10029
Thickness	EN 18286/A480/M/EN 10029	ISO 18286/A480/M/EN 10029 B
Width	EN 18286/A480/M/EN 10029	ISO 18286 A/A480/M/EN 10029

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Outokumpu Stainless AB
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SWEDEN
Regoffice: SWEDEN

V.A.T no: SE556001874801

, Regno: 556001-8748

Computer generated original
Quality Inspector

Liselotte Andersen

