

EN 10204 - 3.1
17041574-EN-0



Business Unit / QCM
BA Quarto Plate, Quarto Plate Europe

Date Datum Date
24-Apr-2017

Load, Ladung, Charge No
150645

Acknowledged ID, Bestätigung, Commande ID
300425648

Your ref, Ihre Ref., Votre ref 002797-1	Requirements, Anforderungen, Exigences EN 10028-7, PED 2014/68/EU:16 EN 10088-4:2009 ASME SA-240M Code Sect. II. Part A:2015 ASTM A240M:16a ISO 18286/A480/M/EN 10029 B ISO 18286 N/A480/M/EN 10029 N ISO 18286 A/A480/M/EN 10029 PREN=CR+3.3Mo+16N: Min=34
Buyer, Besteller, Acheteur Ovako Metals Oy Ab ATOMITIE 5 A 00370, HELSINKI FINLAND	
Consignee, Empfänger, Lieu de livraison Ovako Metals Oy Ab	

Mark of Manufacturer Zeichen des Lieferwerkes Signe de producteur 	Process Erschmelzungsart Mode de fusion E+AOD	Inspector's stamp Zeichen des Sachverständigen Poicon de l'expert 	Grade, Werkstoff, Nuance Outokumpu 2205 1.4462 UNS S31803
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Product, Erzeugnisform, Produit
Stainless steel hot rolled, Plate, 1D, 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	2	571326-328601:0	15,0 X 1500,0 X 3000,0 mm	7	

Plate No, Blech Nr, Tôle No 1 5406 1101-1,-2,-3,-4,-5,-6,-7
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Chemical composition - Chemische Zusammensetzung - Composition chimique %
Heat - Schmelze - coulee No

	C	Si	Mn	P	S	Cr	Ni	Mo	N				
Min						21.0	4.50	2.50	0.10				
Max	0.030	1.00	2.00	0.030	0.015	23.0	6.50	3.50	0.20				
571326	0.015	0.44	1.34	0.026	0.001	22.2	5.18	2.83	0.20				

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 Rockwell C

Plate-no	Direct.	Top/Bot	Location	Form	Temp. °C	Rp 0,2 MPa	Rm MPa	A5 %	A50 %	HRC HRC
Min						460	640	25	25	
Max							840			31
1101	T	F	2	P	20,0	595	776	37	44	20

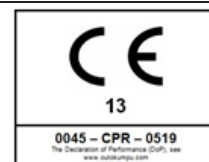
Charpy impact test (V-notch) EN ISO 148-1

Plate-no	Direct.	Top/Bot	Location	Form	Temp. °C	Value1 J	Value2 J	Value3 J	Average J
Min									100
Max									204
1101	T	F	2	P	20,0	223	182	207	204

Other Information
Heat treated at 1100°C and Quenched in water.
Dimensional control, visual inspection and grade check (PMI): Approved
Certified acc. to AD2000-Guideline W0 and
Pressure Equipment Directive (2014/68/EU)
annex I, sec. 4.3 by Certification body for
pressure equipment of the TÜV NORD Systems
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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PREN=CR+3.3Mo+16N: 34.6 (Min:34)

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Outokumpu Stainless AB
BA Quarto Plate, Quarto Plate Europe
SE - 693 81 DEGERFORS
SWEDEN
Regoffice: SWEDEN

V.A.T no: SE556001874801
, Regno: 556001-8748

Computer generated original
Quality Inspector

Linda Hjalmarsson

