

EN 10204 - 3.1
21070286-EN-0

Business Unit / QCM

BA Quarto Plate, Quarto Plate Europe

Date Datum Date
06-Jul-2021

Load, Ladung, Charge No
225326

Acknowledged ID, Bestätigung, Commande ID
300611617

Your ref. Ihre Ref., Votre ref 510325		Requirements, Anforderungen, Exigences AD 2000 W2, W10 & EN10028-7, PED 2014/68/EU EN 10088-4:2009 EN 10088-2:14 ASME SA-240M Code Sect. II, Part A:2019 NACE MR0103 / ISO 17945:2015 ASTM A240M / NACE MR0175/ ISO 15156-3:2015 Co content shall be mentioned in certificates. Additional requirement, see "Other information"	
Buyer, Besteller, Acheteur OUTOKUMPU S.r.l. PIAZZA PICCAPIETRA, 9 16121, GENOVA, Genova ITALIEN			
Consignee, Empfänger, Lieu de livraison Outokumpu S.r.l.			
Mark of Manufacturer Zeichen des Lieferwerkes Signe de producteur	Process Erschmelzungsart Mode de fusion	Inspector's stamp Zeichen des Sachverständigen Poinçon de l'expert	Grade, Werkstoff, Nuance
	E+AOD		1.4301 1.4307 304 304L

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	1	512215-415753:0	15,0 X 1500,0 X 3000,0 mm	5	

1	Plate No, Blech Nr, Tôle No 1407 3701,-3702,-3703,-3801,-3802
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Chemical composition - Chemische Zusammensetzung - Composition chimique % Heat - Schmelze - coulée No										
	C	Si	Mn	P	S	Cr	Ni	Co	N	
Min						18.0	8.0			
Max	0.030	0.75	2.00	0.045	0.015	19.5	10.5		0.10	
512215	0.020	0.39	1.33	0.034	0.001	18.1	8.1	0.2500	0.07	

Distribution	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
Certificate via e-Services.				

Test results - Prüfergebnisse - Résultats des essais (1N/mm² = 1MPa)

Mechanical properties

Tensile testing/Hardness Rockwell B

Plate-no	Direct.	Top/Bot	Location	Form	Temp. °C	Rp 0,2 MPa	Rp 1,0 MPa	Rm MPa	A5 %	A50 %	HRB HRB
Min						210	250	520	45	40	
Max						700		700			92
3701	T	F	2	P	20	280	315	605	60	64	83

Corrosion

ASTM A262 Practice E

Plate-no	Result
3701F	OK

EN ISO 3651-2 Method A

Plate-no	Result
3701F	OK

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

Vp. Ord. 434
Ns.DDT. 442636
Del 20207/1024

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

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

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

Herbert Wasserfaller





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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.
Material conforms to NACE MR0175/ISO 15156 in supplied condition.
Material conforms to NACE MR0103/ISO 17945 in supplied condition.

Additional testing:

ASTM A262 Practice E

Tolerance

Flatness tolerance

Length

Thickness

Width

Standard

Manual

EN 18286/A480/M/EN 10029

EN 18286/A480/M/EN 10029

EN 18286/A480/M/EN 10029

Class

3

ISO 18286 A/A480/M/EN 10029

ISO 18286/A480/M/EN 10029 B

ISO 18286 A/A480/M/EN 10029

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