



EN 10204 - 3.1  
21071495-EN-0

Business Unit / QCM

BA Quarto Plate, Quarto Plate Europe

Date Datum Date  
03-Aug-2021

Load, Ladung, Charge No  
225731

Acknowledged ID, Bestätigung, Commande ID  
300610368

Your ref, Ihre Ref., Votre ref 14804.	Requirements, Anforderungen, Exigences AD 2000 W2 & EN10028-7, PED 2014/68/EU EN 10088-2:14 EN 10088-4:2009 ASME SA-240M Code Sect. II, Part A:2019 ASTM A240M / NACE MR0175/ ISO 15156-3:20/2015
Buyer, Besteller, Acheteur HTM Yhtiöt Oy Tiilitehtaantie 23 12310, RYTTYLÄ FINLAND	
Consignee, Empfänger, Lieu de livraison HTM Yhtiöt Oy	

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 1.4301 304 1.4307 304L
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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	1	512437-416547:0	15,0 X 1500,0 X 3000,0 mm	8	

Plate No, Blech Nr, Tôle No  
1 1470 3001,-3002,-3003,-3004,-3501,-3502,-3503,-3504

Chemical composition - Chemische Zusammensetzung - Composition chimique %  
Heat - Schmelze - coulee No

	C	Si	Mn	P	S	Cr	Ni	N					
Min						18.00	8.00						
Max	0.030	0.75	2.00	0.045	0.015	19.50	10.50	0.10					
512437	0.022	0.30	1.38	0.033	0.001	18.10	8.09	0.06					

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/mm<sup>2</sup> = 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			92
2301	T	F	2	P	20	260	297	588	61	64	80

**Corrosion**  
**EN ISO 3651-2 Method A**

Plate-no	Result
2301F	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  
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.

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

Liselotte Andersen





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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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