

Y980/04/022.00 PDF

outokumpu  
high performance stainless steel



CERTIFICATE - ZEUGNIS - CERTIFICAT

EN 10204 - 3.1  
17010659-EN-0

BATCH PLY980

Invoice No. Page  
Rechnung Nr. Seite  
N° de facture Page  
300411457 1/1

Business Unit / OCM  
BA Quarto Plate, Quarto Plate Europe

Date / Datum / Date 11-Jan-2017

Load, Loading, Charge No 145278

Acknowledged ID, Bestätigung, Commande ID 300411457

Your ref., Ihre Ref., Votre ref. P48514 Rev 01	Requirements, Anforderungen, Exigencias AD 2000 W2 & EN10028-7, PED 2014/68/EU ASTM A240M / NACE MR0175/ ISO 15156-3:16/2003/2009 EN10029N/A480/A480M EN10029B/A480/A480M
Consignee, Empfänger, Lieu de livraison: P P PLASMA LTD	

Mark of Manufacturer Zeichen des Lieferwerkes Signe de producteur 	Process Erschmelzungsart Mode de fusion E+AOD	Inspector's stamp Zeichen des Sachverständigen Poisson de l'expert 	Grade, Werkstoff, Nuanos 1.4404 316L
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Product, Erzeugnisform, Produit  
Stainless steel hot rolled, Plate, 1D, Cut edge

Line Reihe Ligne	Item Position Poste	Heat-Lot No Schmelz-Lot Nr Coulée n° - Lot No	Size Abmessungen Dimensions	Pieces Stückzahl Nombre	Quantity/unit, Menge/Einheit, Quantité/Unité
1	1	564897-322324:0	22,0 X 2000,0 X 6000,0 mm	1	

Plate No, Blech Nr, Tôle No  
1 5005 1801

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

	C	Si	Mn	P	S	Cr	Ni	Mo	N
Min						16.50	10.00	2.00	
Max	0.030	0.75	2.00	0.045	0.015	18.00	13.00	2.50	0.10
564897	0.018	0.46	1.26	0.031	0.001	17.25	10.03	2.04	0.05

Distribution  
Certificate via e-Services

Direct: F = 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 % of thickness

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

Corrosion  
EN ISO 3651-2 Method A  
Plate-no Result  
1801F OK

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
Min						220	260	520	45	40	95
Max						248	286	582	57	59	77
1801	T	F	2	C	20.0						

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

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, 600 81 DEGERFORS  
SWEDEN  
Regoffice: SWEDEN

V.A.T no: SE556001674301  
Regno: 556001-8748

Computer generated original  
Quality Inspector  
*Daniel Matman*  
Daniel Matman

