

FLOW TECHNOLOGY LTD

TEST CERTIFICATE

VERIFIED TRUE

COPY OF ORIGINAL

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 / OCMI
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 Sigle de producteur 	Process Erschmelzungsart Mode de fusion E+AOD	Inspector's stamp Zeichen des Sachverständigen Poison de l'expert 	Grade, Werkstoff, Nuanos 1.4404	316L									
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 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 % 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 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													

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



F13409
3/4" JIC Swivel Branch Tee 10K 316L