

b0F87000

outokumpu
high performance stainless steel



CERTIFICATE - ZEUGNIS - CERTIFICAT
EN 10204-3.1
2633588-EN

Invoice No. Page
Rechnung Nr. Seite
N° de facture Page
6610/1000897255 1/1

Business Unit / QCM
Avesta Works / Jerker Sterneland

Date Datum Date
12-Aug-2020

Load, Ladung, Charge No
IT/209843

Acknowledged ID, Bestätigung, Commande ID
6610/300569546

Your ref, Ihre Ref., Votre ref OF-2020-0000043	Requirements, Anforderungen, Exigences ASTM A240/A240M-19 ASME BPVC SEC II PART A SA-240/SA-240M Ed 2019 EN 10088-2:2014 EN 10028-7:2016 AD 2000 W2, W10 & EN 10028-7 NACE MR0175 / ISO 15156-3:2015 EN 10088-4:2009 NACE MR0103 / ISO 17945:2015 EN ISO 9445 / ASTM A 480
Buyer, Besteller, Acheteur L.S.I. LAMIERE SPECIALI INOX S.P.A. VIA GIULIO NATTA 7/A IT 43100, PARMA ITALY	
Consignee, Empfänger, Lieu de livraison L.S.I. LAMIERE SPECIALI INOX S.P.A.	

Mark of Manufacturer Zeichen des Lieferwerkes Signe de producteur outokumpu	Process Erschmelzungsart Mode de fusion E+AOD	Inspector's stamp Zeichen des Sachverständigen Poicon de l'expert 	Grade, Werkstoff, Nuance Outokumpu Core 304L/4307 TYPE 304 TYPE 304L 1.4301 1.4307
---	---	---	--

Product, Erzeugnisform, Produit
Stainless Steel Cold Rolled, Coil
finish 2B, 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	4	502537-003	3,00 X 2000 mm	1	20630 KG	

Chemical composition – Chemische Zusammensetzung – Composition chimiques

	C	Si	Mn	P	S	Cr	Ni	Mo	Ti	Nb	Cu	Co	N
Heat	.016	.33	1.34	.033	.001	18.57	8.07	.35	.004	.011	.49	.15	.071

Radioactive contamination check acc. IAEA recommendations: Approved

Test results – Prüfergebnisse – Results desais (1N/mm² = 1 MPa) F = Front – Anfan – Debut B = Back – Ende – Fin T = Transverse – Quer – Travers

Test Ref	Temp °C	RP 0.2 N/MM2	RP 1.0 N/MM2	RM N/MM2	A5 %	2" %	HB
Min	+20	230	260	540	45	40	HB
Max				700			201
F T	+20	331	362	648	52	50	178
B T		325	354	641	54	52	174

Certified acc. to AD 2000-Merkblatt W0 by TÜV NORD, notified body, Reg-No. 0045

Material conforms to NACE MR0175 / ISO 15156-3 in supplied condition

Material conforms to NACE MR0103 / ISO 17945 in supplied condition

Corrosion acc. ASTM A 262-E, EN ISO 3651-2A: Approved

Heat treatment / Solution annealed: Material temp minimum 1040 °C / Quenched (forced air + water)

Steel grade verification (PMI-spectroscopic): Approved

Marking, visual insp. and gauge measurement: Approved

Certified acc. to PED 2014/68/EU by TÜV NORD, notified body, Reg-No. 0045

Outokumpu Stainless AB
Business Area Europe
AVESTA WORKS
SWEDEN
Regoffice: Stockholm SWEDEN, Regno: 556001-8748

Telephone: + 46 (0)226 811 73
Fax: + 46 (0)226 816 46
V.A.T no: SE556001874801

This material is found to comply with order requirements

Mats Hjelm
Mats Hjelm
Authorized Inspector

