

COMPONENTE: VESSEL PART:	LOTTO: LOT:	MATERIALE MATERIAL	FORNITORE SUPPLIER	CERTIFICATO CERTIFICATE	COLATA HEAT
TELAIO FRAME	10110	AIISI 304L 1.4307	OUTOKUMPU SPA 440606 / 2021	6610/1000946878	510443-004



CERTIFICATE - ZEUGNIS - CERTIFICAT

EN 10204-3.1

2663587-EN

Invoice No.
Rechnung Nr.
N° de facture
6610/1000946878

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Business Unit / QCM

Avesta Works / Jerker Sterneland

Date Datum Date
10-Feb-2021

Load, Ladung, Charge No
IT/218664

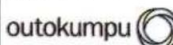
Acknowledged ID, Bestätigung, Commande ID
6610/360020777

Your ref, Ihre Ref., Votre ref
509960

Buyer, Besteller, Acheteur
OUTOKUMPU SPA
VIA AGNELLO, 8
IT 20121, MILANO
ITALY

Consignee, Empfänger, Lieu de livraison
OUTOKUMPU S.P.A.

Mark of Manufacturer
Zeichen des Lieferwerkes
Signe de producteur



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 Hot Rolled, Coil
finish 1D, 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	7	510443-004	12,00 X 1500 mm	1	23040 KG

Chemical composition - Chemische Zusammensetzung - Composition chimiques

	C	Si	Mn	P	S	Cr	Ni	Mo	Ti	Nb	Cu	Co	N
Heat	.021	.35	1.37	.032	.001	18.12	8.05	.47	.004	.006	.38	.16	.069

Radioactive contamination check acc. IAEA recommendations: Approved

Test results - Prüfergebnisse - Résultats des essais (1N/mm² = 1 MPa) F = Front - Anfang - 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	520	45	40	
Max				700			201
F T	+20	307	344	613	58	61	187
B T		347	384	631	57	59	196

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

Vs. Ord. 343
Ns.DDT. 440606
Del
01/04/2021



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Business Area Europe
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This material is found to comply with order requirements

Joakim Johansson
Authorized Inspector

