

Business Unit / QCM

Date Datum Date

Load, Ladung, Charge No

Acknowledged ID, Bestätigung, Commande ID


Avesta Works / Jerker Sterneland

15-Sep-2020

FI/211513

6610/300578472

Your ref, Ihre Ref., Votre ref 14228	Requirements, Anforderungen, Exigences ASTM A240/A240M-20 ASME BPVC SEC II PART A SA-240/SA-240M Ed 2019 EN 10088-2:2014 EN 10028-7:2016 NACE MR0175 / ISO 15156-3:2015 EN 10088-4:2009 EN ISO 9444-2 / ASTM A480M
Buyer, Besteller, Acheteur HTM Yhtiöt Oy Tiilitehtaantie 23 FI 12310, RYTTYLÄ FINLAND	
Consignee, Empfänger, Lieu de livraison HTM Yhtiöt Oy	

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
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Product, Erzeugnisform, Produit
Stainless Steel Hot Rolled, Coil-Plate
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	1	503168-003	10,00 X 1500 X 3000 mm	17	6090 KG

Chemical composition – Chemische Zusammensetzung – Composition chimiques

	C	Si	Mn	P	S	Cr	Ni	Mo	Ti	Nb	Cu	Co	N
Heat	.027	.33	1.37	.033	.001	18.09	8.13	.32	.003	.006	.29	.19	.059

Radioactive contamination check acc. IAEA recommendations: **Approved**

Test results – Prüfergebnisse – Results dessais (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	520	45	40	HB
Max				700			201
F T	+20	324	363	640	56	58	192
B T		333	371	645	58	60	196

Material conforms to NACE MR0175 / ISO 15156-3 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