



Business Unit / QCM  
**Avesta Works / Jerker Sterneland**

Date Datum Date  
**26-Feb-2021**

Load, Ladung, Charge No  
**DE/219548**

Acknowledged ID, Bestätigung, Commande ID  
**6610/300602772**

Your ref., Ihre Ref., Votre ref <b>700895</b>	Requirements, Anforderungen, Exigences <b>ASTM A240/A240M-20a 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 NACE MR0103 / ISO 17945:2015 EN ISO 9445-2</b>
Buyer, Besteller, Acheteur	
Consignee, Empfänger, Lieu de livraison	

Mark of Manufacturer Zeichen des Lieferwerkes Signe de producteur <b>outokumpu</b>	Process Erschmelzungsart Mode de fusion <b>E+AOD</b>	Inspector's stamp Zeichen des Sachverständigen Poicon de l'expert 	Grade, Werkstoff, Nuance <b>Outokumpu Forta LDX 2101 UNS S32101 1.4162</b>
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Product, Erzeugnisform, Produit  
**Stainless Steel Cold Rolled, Coil-Plate  
finish 2E, pickled, 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	3	504846-001	2,00 X 2000 X 6000 mm		910 KG

Chemical composition - Chemische Zusammensetzung - Composition chimiques

	C	Si	Mn	P	S	Cr	Ni	Mo	Cu	N
Heat	.026	.76	4.76	.029	.001	21.31	1.48	.18	.38	.222

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

Test results - Prüfergebnisse - Résultats des essais (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	2" %	A80 %	HB HB	FRH %
Min	+20	530		700	30	25		
Max				900			290	
F T	+20	571	628	773	35	35	234	54.0
B T		586	649	787	35	35	240	

**Potwierdzenie  
zgodności  
z oryginałem**

Material conforms to NACE MR0103 / ISO 17945 in supplied condition  
Material conforms to NACE MR0175 / ISO 15156-3 in supplied condition  
PREN: Cr + 3,3Mo + 16N = 25  
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

