

A01 Tata Steel IJmuiden BV Wenckebachstraat 1 1951 JZ Velsen Noord Postbus 10000 1970 CA IJmuiden The Netherlands Telephone: 0251-492110 Company Trade Register 34040331 E-mail: info.testing@tatasteeleurope.com	A03 Doc nr. 2021036610 00	A04 <b>TATA STEEL</b>
	A02 Inspection certificate 3.1, EN10204.	
A06 Customer/Consignee NAANTALI STEEL SERVICE CENTRE OY RAUTAKATU 5  21110 NAANTALI FINLAND	A07, A09 Reference 4500039681 11001475  00010	A08 Order nr. 50627 A
	B01,B02,B03,B04,B15 Hot rolled pickled, Coil, S355MC, YMPRESS WG S:01-2010. 1.00 G/M2/Side oiled, Mill edges. Tolerance EN 10051 : 2010 (E) (Width tolerance +20/-0 mm) Dev.Tol. (Thickness tolerance +0,15/-0,15 mm). Country of Melt and Pour : Netherlands	
C70 STEEL MAKING PROCESS: BO		B09,B10,B11 Dimensions 1500 mm X 5 mm
B13 Total Mass KG 31022		B08 Total NR. 3
A11 Dispatch Note 12604		A10 Transport EMMA

Buigproef/Bend test/Biegeversuch/Test de flexion : 'goed/good/gut/concluant'

C50

PROD-IDENT: 835141	MASS KG: 10610	NR: 1	CAST NR: S4368	B07,B08,B13			
TENSILE TEST				C10-29			
C01	C01/C02	C10	C03 Temp (°C)	C11 ReH (MPa)	C12 Rm (MPa)	C13 A (%)	C16 Relt/Rm (%)
Bottom Middle	Surface Longitudinal	Prismatical	+20	403	482	33.0	84

PROD-IDENT: 835140	MASS KG: 10431	NR: 1	CAST NR: S4368	B07,B08,B13			
TENSILE TEST				C10-29			
C01	C01/C02	C10	C03 Temp (°C)	C11 ReH (MPa)	C12 Rm (MPa)	C13 A (%)	C16 Relt/Rm (%)
Bottom Middle	Surface Longitudinal	Prismatical	+20	403	482	33.0	84

PROD-IDENT: 834419	MASS KG: 9981	NR: 1	CAST NR: S3877	B07,B08,B13			
TENSILE TEST				C10-29			
C01	C01/C02	C10	C03 Temp (°C)	C11 ReH (MPa)	C12 Rm (MPa)	C13 A (%)	C16 Relt/Rm (%)
Bottom Middle	Surface Longitudinal	Prismatical	+20	396	471	34.0	84

CHEMICAL COMPOSITION in %												
B07	CAST NR.	C71 C	C72 Mn	C73 P	C74 S	C75 Si	C76 Al	C77 Cu	C78 Cr	C79 Ni	C80 Mo	C81 Nb
	S4368	0.070	0.501	0.013	0.007	0.011	0.034	0.038	0.044	0.045	0.005	0.027
	S3877	0.067	0.504	0.011	0.005	0.010	0.029	0.009	0.018	0.021	0.001	0.025
	CAST NR.	C82 V	C83 N	C84 B	C85 Ti	C86 Sn	C87 Al_ZO	C88 C-eq1				
	S4368	0.003	0.0025	0.0001	0.001	0.002	0.032	0.169				
	S3877	0.002	0.0033	0.0000	0.001	0.001	0.027	0.157				

C-eq1: C + Mn/6 + (Cr + Mo + V)/5 + (Ni + Cu)/15

We hereby confirm that we comply to the terms of our order acknowledgement and any agreed concessions.

Tata Steel IJmuiden BV

Jeffrey Flemming  
Manager Mechanical Testing  
IJmuiden, 27 March 2021

