


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@tatasteel.eu.com	A03 Doc nr. 2021081260 00		A04 
	A02 Inspection certificate 3.1, EN10204.		
	A07, A09 Reference 4500044531 11001464 00020	A08 Order nr. 54422 B	
A06 Customer/Consignee NAANTALI STEEL SERVICE CENTRE OY RAUTAKATU 5 21110 NAANTALI FINLAND	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 +0,13/-0,13 mm). PRODUCE AND TEST ACCORDING TO EN 10149-2 Country of Melt and Pour : Netherlands		C70 STEEL MAKING PROCESS: BO
	B09,B10,B11 Dimensions 1500 mm X 3.00 mm		
	B13 Total Mass KG 41374	B08 Total NR. 4	
	A11 Dispatch Note 47494	A10 Transport EGON W	

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

C50

PROD-IDENT: 865179	MASS KG: 10391	NR: 1	CAST NR: S8088	B07,B08,B13			
TENSILE TEST				C10-29			
C01	C01/C02	C10	C03	C11	C12	C13	C16
Bottom Middle	Surface Longitudinal	Prismatical	Temp (°C) +20	ReH (MPa) 399	Rm (MPa) 490	A (%) 34.0	ReH/Rm (%) 81

PROD-IDENT: 864495	MASS KG: 10221	NR: 1	CAST NR: S8095	B07,B08,B13			
TENSILE TEST				C10-29			
C01	C01/C02	C10	C03	C11	C12	C13	C16
Bottom Middle	Surface Longitudinal	Prismatical	Temp (°C) +20	ReH (MPa) 402	Rm (MPa) 492	A (%) 33.5	ReH/Rm (%) 82

PROD-IDENT: 864494	MASS KG: 10381	NR: 1	CAST NR: S8095	B07,B08,B13			
TENSILE TEST				C10-29			
C01	C01/C02	C10	C03	C11	C12	C13	C16
Bottom Middle	Surface Longitudinal	Prismatical	Temp (°C) +20	ReH (MPa) 402	Rm (MPa) 492	A (%) 33.5	ReH/Rm (%) 82

PROD-IDENT: 864493	MASS KG: 10381	NR: 1	CAST NR: S8095	B07,B08,B13			
TENSILE TEST				C10-29			
C01	C01/C02	C10	C03	C11	C12	C13	C16
Bottom Middle	Surface Longitudinal	Prismatical	Temp (°C) +20	ReH (MPa) 402	Rm (MPa) 492	A (%) 33.5	ReH/Rm (%) 82

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
	S8088	0.071	0.502	0.010	0.005	0.010	0.032	0.029	0.036	0.032	0.005	0.026
	S8095	0.071	0.493	0.008	0.006	0.012	0.030	0.029	0.035	0.032	0.006	0.026
	CAST NR.	C82 V	C83 N	C84 B	C85 Ti	C86 Sn	C87 Al_ZO	C88 C-eql				
	S8088	0.002	.0022	.0000	0.002	0.001	0.030	.167				
	S8095	0.002	.0025	.0000	0.001	0.002	0.028	.166				

C-eql: 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, 16 July 2021

*Jeffrey Flemming*