

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. 2021088413 00		A04 TATA STEEL
	A02 Inspection certificate 3.1, EN10204.		
	A07, A09 Reference 4500045931 11001475	A08 Order nr. 55276 A	
	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 +0.15/-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 57829	B08 Total NR. 5
		A11 Dispatch Note 53392	A10 Transport SYDBORG

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

C50

PROD-IDENT: 869835	MASS KG: 12509	NR: 1	CAST NR: W1070	B07,B08,B13
TENSILE TEST				
C10-29				
C01	C01/C02	C10	C03	C11
			Temp (°C)	ReH (MPa)
Bottom Middle	Surface Longitudinal	Prismatical	+20	390
				Rm (MPa)
				464
				A (%)
				31.0
				ReH/Rm (%)
				84

PROD-IDENT: 868965	MASS KG: 10061	NR: 1	CAST NR: W1075	B07,B08,B13
TENSILE TEST				
C10-29				
C01	C01/C02	C10	C03	C11
			Temp (°C)	ReH (MPa)
Bottom Middle	Surface Longitudinal	Prismatical	+20	401
				Rm (MPa)
				482
				A (%)
				31.0
				ReH/Rm (%)
				83

PROD-IDENT: 868963	MASS KG: 10391	NR: 1	CAST NR: W1075	B07,B08,B13
TENSILE TEST				
C10-29				
C01	C01/C02	C10	C03	C11
			Temp (°C)	ReH (MPa)
Bottom Middle	Surface Longitudinal	Prismatical	+20	401
				Rm (MPa)
				482
				A (%)
				31.0
				ReH/Rm (%)
				83

PROD-IDENT: 868962	MASS KG: 10461	NR: 1	CAST NR: W1075	B07,B08,B13
TENSILE TEST				
C10-29				
C01	C01/C02	C10	C03	C11
			Temp (°C)	ReH (MPa)
Bottom Middle	Surface Longitudinal	Prismatical	+20	401
				Rm (MPa)
				482
				A (%)
				31.0
				ReH/Rm (%)
				83

PROD-IDENT: 867767	MASS KG: 14407	NR: 1	CAST NR: W0754	B07,B08,B13
TENSILE TEST				
C10-29				
C01	C01/C02	C10	C03	C11
			Temp (°C)	ReH (MPa)
Bottom Middle	Surface Longitudinal	Prismatical	+20	395
				Rm (MPa)
				473
				A (%)
				31.5
				ReH/Rm (%)
				84

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

Jeffrey Flemming

IJmuiden, 6 August 2021

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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
	W1070	0.068	0.500	0.008	0.003	0.013	0.041	0.007	0.019	0.019	0.002	0.025
	W1075	0.070	0.513	0.008	0.003	0.019	0.047	0.008	0.022	0.019	0.003	0.026
	W0754	0.072	0.493	0.005	0.002	0.017	0.034	0.008	0.015	0.017	0.001	0.026
	CAST NR.	C82 V	C83 N	C84 B	C85 Ti	C86 Sn	C87 Al_ZO	C88 C-eq1				
	W1070	0.002	.0030	.0000	0.002	0.001	0.039	.158				
	W1075	0.002	.0027	.0001	0.002	0.000	0.044	.163				
	W0754	0.002	.0041	.0000	0.001	0.002	0.033	.159				
C-eq1: C + Mn/6 + (Cr + Mo + V)/5 + (Ni + Cu)/15												

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Page 2 of 2

201,202