

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. 2021088413 00		A04 TATA STEEL
	A02 Inspection certificate 3.1, EN10204.		
	A07, A09 Reference 450045931 11001475 00010	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	
	All 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	C12	C13	C16
			Temp (°C)	ReH (MPa)	Rm (MPa)	A (%)	ReH/Rm (%)
Bottom Middle	Surface Longitudinal	Prismatical	+20	390	464	31.0	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	C12	C13	C16
			Temp (°C)	ReH (MPa)	Rm (MPa)	A (%)	ReH/Rm (%)
Bottom Middle	Surface Longitudinal	Prismatical	+20	401	482	31.0	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	C12	C13	C16
			Temp (°C)	ReH (MPa)	Rm (MPa)	A (%)	ReH/Rm (%)
Bottom Middle	Surface Longitudinal	Prismatical	+20	401	482	31.0	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	C12	C13	C16
			Temp (°C)	ReH (MPa)	Rm (MPa)	A (%)	ReH/Rm (%)
Bottom Middle	Surface Longitudinal	Prismatical	+20	401	482	31.0	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	C12	C13	C16
			Temp (°C)	ReH (MPa)	Rm (MPa)	A (%)	ReH/Rm (%)
Bottom Middle	Surface Longitudinal	Prismatical	+20	395	473	31.5	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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