


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. 2022055817 00		A04 
	A02 Inspection certificate 3.1, EN10204.		
	A07, A09 Reference 4500060468 11001475 00010	A08 Order nr. 54887 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 85043	B08 Total NR. 8	
	A11 Dispatch Note 57424	A10 Transport ANDREA	

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

C50

PROD-IDENT: 746507	MASS KG: 10041	NR: 1	CAST NR: Z6870	B07,B08,B13			
TENSILE TEST				C10-29			
C01	C01/C02	C10	C03 Temp (°C)	C11 ReH (MPa)	C12 Rm (MPa)	C13 A (%)	C16 ReH/Rm (%)
Bottom Middle	Surface Longitudinal	Prismatical	+20	391	474	34.0	82

PROD-IDENT: 745822B	MASS KG: 9041	NR: 1	CAST NR: Z6766	B07,B08,B13			
TENSILE TEST				C10-29			
C01	C01/C02	C10	C03 Temp (°C)	C11 ReH (MPa)	C12 Rm (MPa)	C13 A (%)	C16 ReH/Rm (%)
Bottom Middle	Surface Longitudinal	Prismatical	+20	389	478	33.0	81

PROD-IDENT: 745822A	MASS KG: 9061	NR: 1	CAST NR: Z6766	B07,B08,B13			
TENSILE TEST				C10-29			
C01	C01/C02	C10	C03 Temp (°C)	C11 ReH (MPa)	C12 Rm (MPa)	C13 A (%)	C16 ReH/Rm (%)
Bottom Middle	Surface Longitudinal	Prismatical	+20	389	478	33.0	81

PROD-IDENT: 745820	MASS KG: 10401	NR: 1	CAST NR: Z6766	B07,B08,B13			
TENSILE TEST				C10-29			
C01	C01/C02	C10	C03 Temp (°C)	C11 ReH (MPa)	C12 Rm (MPa)	C13 A (%)	C16 ReH/Rm (%)
Bottom Middle	Surface Longitudinal	Prismatical	+20	389	478	33.0	81

PROD-IDENT: 745815	MASS KG: 11300	NR: 1	CAST NR: Z6771	B07,B08,B13			
TENSILE TEST				C10-29			
C01	C01/C02	C10	C03 Temp (°C)	C11 ReH (MPa)	C12 Rm (MPa)	C13 A (%)	C16 ReH/Rm (%)
Bottom Middle	Surface Longitudinal	Prismatical	+20	388	472	35.0	82


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

Tata Steel IJmuiden BV

Jeffrey Flemming
General Manager



IJmuiden, 3 June 2022

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PROD-IDENT: 745814	MASS KG: 11620	NR: 1	CAST NR: Z6771	B07,B08,B13
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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	388	472	35.0	82	

PROD-IDENT: 745813	MASS KG: 11600	NR: 1	CAST NR: Z6771	B07,B08,B13
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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	389	472	33.0	82	

PROD-IDENT: 745812	MASS KG: 11979	NR: 1	CAST NR: Z6771	B07,B08,B13
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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	389	472	33.0	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
	Z6870		0.076		0.499		0.013		0.006		0.009		0.036		0.008		0.019		0.017		0.002		0.026
	Z6766		0.072		0.495		0.016		0.007		0.011		0.039		0.009		0.019		0.018		0.002		0.025
	Z6771		0.075		0.504		0.016		0.007		0.009		0.038		0.008		0.029		0.017		0.001		0.026
	CAST NR.	C82	V	C83	N	C84	B	C85	Ti	C86	Sn	C87	Al_ZO	C88	C-eql								
	Z6870		0.002		.0030		.0000		0.001		0.002		0.035		.165								
	Z6766		0.002		.0025		.0000		0.001		0.002		0.037		.161								
	Z6771		0.002		.0028		.0000		0.001		0.001		0.036		.167								
C-eql: C + Mn/6 + (Cr + Mo + V)/5 + (Ni + Cu)/15																							

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General Manager

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Page 2 of 2

Z01, Z02