


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. 2022046717 00		A04 
	A02 Inspection certificate 3.1, EN10204.		
	A07, A09 Reference 4500058630 11001477 00040	A08 Order nr. 53889 D	
A06 Customer/Consignee NAANTALI STEEL SERVICE CENTRE OY RAUTAKATU 5 21110 NAANTALI FINLAND	R01,R02,R03,B04,B15 Hot rolled pickled, Coil, S355MC, YMPRESS WG S:01-2010. 1,00 G/M2/Side oiled. Mill edges. Impact test. Tolerance EN 10051 : 2010 (B) (Width tolerance +20/-0 mm) Dev.Tol. (Thickness tolerance +0.16/-0.16 mm). Country of Melt and Pour : Netherlands		C70 STEEL MAKING PROCESS: BO
	B09,B10,B11 Dimensions 1500 mm X 6 mm		
	B13 Total Mass KG 54582	B08 Total NR. 4	
	A11 Dispatch Note 50143	A10 Transport LEONIE	

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

C50

PROD-IDENT: 739851A MASS KG: 13128 NR: 1 CAST NR: Z4104 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	422	497	28.0	85

IMPACT TEST AND OTHER TESTS

C40,C60,C65

C01	C01/C02	C10	C03 Temp °C	B05	C41 mm	C40,C60,C65	C44	C42 ind.	C42 ind.	C42 ind.	C43 mean
Bottom Middle	Surface Longitudinal	Prismatical	-20	0	5.0	ISO-V	J	106	98	94	99

PROD-IDENT: 739850 MASS KG: 13518 NR: 1 CAST NR: Z4104 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	422	497	28.0	85

IMPACT TEST AND OTHER TESTS

C40,C60,C65

C01	C01/C02	C10	C03 Temp °C	B05	C41 mm	C40,C60,C65	C44	C42 ind.	C42 ind.	C42 ind.	C43 mean
Bottom Middle	Surface Longitudinal	Prismatical	-20	0	5.0	ISO-V	J	106	98	94	99

PROD-IDENT: 737449 MASS KG: 13738 NR: 1 CAST NR: Z5277 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	419	495	30.0	85

IMPACT TEST AND OTHER TESTS

C40,C60,C65

C01	C01/C02	C10	C03 Temp °C	B05	C41 mm	C40,C60,C65	C44	C42 ind.	C42 ind.	C42 ind.	C43 mean
Bottom Middle	Surface Longitudinal	Prismatical	-20	0	5.0	ISO-V	J	99	104	101	101


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, 7 May 2022

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PROD-IDENT: 737448 MASS KG: 14198 NR: 1 CAST NR: Z5277 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	419	495	30.0	85

IMPACT TEST AND OTHER TESTS C40,C60,C65

C01	C01/C02	C10	C03 Temp °C	B05	C41 mm	C40,C60,C65	C44	C42 ind.	C42 ind.	C42 ind.	C43 mean
Bottom Middle	Surface Longitudinal	Prismatical	-20	0	5.0	ISO-V	J	99	104	101	101

CHEMICAL COMPOSITION in %

607	CAST NR.	C71 C	C72 Mn	C73 P	C74 S	C75 Si	C76 Al	C77 Cu	C78 Cr	C79 Ni	C80 Mo	C81 Nb
	Z4104	0.070	0.994	0.012	0.007	0.010	0.034	0.008	0.016	0.017	0.002	0.024
	Z5277	0.075	0.999	0.010	0.003	0.018	0.029	0.011	0.017	0.020	0.003	0.026
	CAST NR.	C82 V	C83 N	C84 B	C85 Ti	C86 Sn	C87 Al_ZO	C88 C-eql				
	Z4104	0.003	.0028	.0000	0.001	0.001	0.032	.242				
	Z5277	0.002	.0042	.0000	0.001	0.003	0.028	.248				

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

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Jeffrey Flemming
General Manager



IJmuiden, 7 May 2022