

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. 2021050282 00		A04 TATA STEEL
	A02 Inspection certificate 3.1, EN10204.		
	A07, A09 Reference 4500034290 11001477 00040	A08 Order nr. 56496 D	
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, Impact test, Tolerance EN 10051 : 2010 (E) (Width tolerance +20/-0 mm) Dev,Tol. (Thickness tolerance +0.16/-0.16 mm) Country of Melt and Four : Netherlands		C70 STEEL MAKING PROCESS: BO
	B09,B10,B11 Dimensions 1500 mm X 6 mm		B13 Total Mass KG 30420
			B06 Total NR. 2
			A10 Transport ROBIJN

Buigproef/Bend test/Biegeversuch/Test de flexion : 'goed/good/gut/concluant' C50

PROD-IDENT: 6070762 MASS KG: 15220 NR: 1 CAST NR: R8298 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	418	497	30.5	84

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	117	115	115	116

PROD-IDENT: 6069712 MASS KG: 15200 NR: 1 CAST NR: R7898 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	424	502	30.5	84

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	111	112	112	112

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
	R8298	0.071	1.002	0.012	0.005	0.009	0.028	0.008	0.022	0.022	0.002	0.023
	R7898	0.074	1.014	0.015	0.004	0.008	0.028	0.010	0.020	0.019	0.003	0.023
	CAST NR.	C82 V	C83 N	C84 B	C85 Ti	C86 Sn	C87 Al_ZO	C88 C-eql				
	R8298	0.003	0.0034	0.0000	0.001	0.001	0.026	0.245				
	R7898	0.003	0.0039	0.0000	0.001	0.002	0.026	0.250				

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, 1 May 2021