

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	A03 Doc nr. 2021042313 00	A04 TATA STEEL
	A02 Inspection certificate 3.1, EN10204.	
A06 Customer/Consignee NAANTALI STEEL SERVICE CENTRE OY RAUTAKATU 5 21110 NAANTALI FINLAND	A07, A09 Reference 4500034290 11001475 00010	A08 Order nr. 56496 A
	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 30034		B08 Total NR. 2
All Dispatch Note 16944		A10 Transport ANDREA

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

PROD-IDENT: 821534 MASS KG: 15037 NR: 1 CAST NR: S0530 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	396	474	34.0	84

PROD-IDENT: 819274 MASS KG: 14997 NR: 1 CAST NR: S1177 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	389	469	34.5	83

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
S0530	0.074	0.512	0.012	0.007	0.008	0.036	0.009	0.022	0.016	0.001	0.026
S1177	0.070	0.487	0.019	0.006	0.006	0.025	0.005	0.021	0.018	0.001	0.025
CAST NR.	C82 V	C83 N	C84 B	C85 Ti	C86 Sn	C87 Al_ZO	C88 C-eq1				
S0530	0.002	.0031	.0000	0.001	0.001	0.035	.166				
S1177	0.003	.0022	.0000	0.001	0.001	0.024	.158				

C-eq1: 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, 12 April 2021

Jeffrey Flemming

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