

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. 2021050273 00	A04 <b>TATA STEEL</b>
	A02 Inspection certificate 3.1, EN10204.	
A06 Customer/Consignee NAANTALI STEEL SERVICE CENTRE OY RAUTAKATU 5  21110 NAANTALI FINLAND	A07, A09 Reference 4500040232 11001477  00040	A08 Order nr. 51059 D
	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 Pour : Netherlands	
		C70 STEEL MAKING PROCESS: BO
		B09, B10, B11 Dimensions 1500 mm X 6 mm
		B13 Total Mass KG 29374
		B08 Total NR. 2
		A11 Dispatch Note 23226
		A10 Transport ROBIJN

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

PROD-IDENT: 841277      MASS KG: 14567      NR: 1      CAST NR: S5616      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	417	493	30.5	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	109	102	106

PROD-IDENT: 841276      MASS KG: 14807      NR: 1      CAST NR: S5616      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 (%)
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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	109	102	106

CHEMICAL COMPOSITION in %

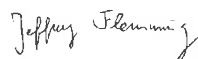
B07 CAST NR.	C71 C	C72 Mn	C73 P	C74 S	C75 Si	C76 Al	C77 Cu	C78 Cr	C79 Ni	C80 Mo	C81 Nb
S5616	0.072	0.997	0.009	0.004	0.010	0.031	0.016	0.022	0.027	0.003	0.023
CAST NR.	C82 V	C83 N	C84 B	C85 Ti	C86 Sn	C87 Al_ZO	C88 C-eq1				
S5616	0.002	0.0042	0.0000	0.001	0.001	0.030	0.246				

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, 1 May 2021