

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@tatasteeleurope.com	A03 Doc nr. 2021050276 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 4500040530 11001473 00030	A08 Order nr. 51232 C
	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 +0.14/-0.14 mm). Country of Melt and Pour : Netherlands	
		C70 STEEL MAKING PROCESS; BO
		B09,B10,B11 Dimensions 1500 mm X 4 mm
		B13 Total Mass KG 50665
		B08 Total NR. 5
		All Dispatch Note 23226
		A10 Transport ROBIJN

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

PROD-IDENT: 842932 MASS KG: 10081 NR: 1 CAST NR: S5959 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	399	495	34.5	81

PROD-IDENT: 842931 MASS KG: 10151 NR: 1 CAST NR: S5959 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	399	495	34.5	81

PROD-IDENT: 842930 MASS KG: 10171 NR: 1 CAST NR: S5959 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	399	495	34.5	81

PROD-IDENT: 842680 MASS KG: 10101 NR: 1 CAST NR: S5957 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	390	485	33.0	80

PROD-IDENT: 842679 MASS KG: 10161 NR: 1 CAST NR: S5957 B07,B08,B13

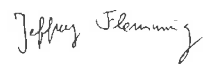
TENSILE TEST C10-29

C01	C01/C02	C10	C03 Temp (°C)	C11 ReH (MPa)	C12 Rm (MPa)	C13 A (%)	C16 ReH/Rm (%)
Bottom Middle	Surface Longitudinal	Prismatical	+20	390	485	33.0	80

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



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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
	S5959	0.071	0.503	0.013	0.005	0.011	0.035	0.027	0.034	0.032	0.006	0.028
	S5957	0.071	0.504	0.011	0.006	0.007	0.034	0.025	0.033	0.033	0.006	0.027
	CAST NR.	C82 V	C83 N	C84 B	C85 Ti	C86 Sn	C87 Al_ZO	C88 C-eq1				
	S5959	0.003	.0023	.0000	0.001	0.001	0.034	.167				
	S5957	0.002	.0034	.0000	0.001	0.002	0.032	.167				
C-eq1: C + Mn/6 + (Cr + Mo + V)/5 + (Ni + Cu)/15												

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