

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. 2021020828 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 4500033890 11001464 00020	A08 Order nr. 56444 B
	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 (B) (Width tolerance +20/-0 mm) Dev.Tol. (Thickness tolerance +0.13/-0.13 mm). PRODUCE AND TEST ACCORDING TO EN 10149-2 Country of melt and pour: The Netherlands	
		C70 STEEL MAKING PROCESS: BO
		B09,B10,B11 Dimensions 1500 mm X 3.00 mm
		B13 Total Mass KG 61736
		B08 Total NR. 6
		A10 Dispatch Note 80419
		A10 Transport MEREEL V

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

PROD-IDENT: 821059 MASS KG: 10341 NR: 1 CAST NR: S0525 B07,B08,B13

TENSILE TEST								C10-29
C01	C01/C02	C10	C03	C11	C12	C13	C16	
	Surface Longitudinal	Prismatical	Temp (°C)	ReH (MPa)	Rm (MPa)	A (%)	ReH/Rm (%)	
Bottom Middle			+20	403	484	35.0	83	

PROD-IDENT: 820526 MASS KG: 10171 NR: 1 CAST NR: S0534 B07,B08,B13

TENSILE TEST								C10-29
C01	C01/C02	C10	C03	C11	C12	C13	C16	
	Surface Longitudinal	Prismatical	Temp (°C)	ReH (MPa)	Rm (MPa)	A (%)	ReH/Rm (%)	
Bottom Middle			+20	403	480	34.5	84	

PROD-IDENT: 820525 MASS KG: 10291 NR: 1 CAST NR: S0534 B07,B08,B13

TENSILE TEST								C10-29
C01	C01/C02	C10	C03	C11	C12	C13	C16	
	Surface Longitudinal	Prismatical	Temp (°C)	ReH (MPa)	Rm (MPa)	A (%)	ReH/Rm (%)	
Bottom Middle			+20	403	480	34.5	84	

PROD-IDENT: 820521 MASS KG: 10301 NR: 1 CAST NR: S0534 B07,B08,B13

TENSILE TEST								C10-29
C01	C01/C02	C10	C03	C11	C12	C13	C16	
	Surface Longitudinal	Prismatical	Temp (°C)	ReH (MPa)	Rm (MPa)	A (%)	ReH/Rm (%)	
Bottom Middle			+20	403	480	34.5	84	

PROD-IDENT: 820287 MASS KG: 10331 NR: 1 CAST NR: S0525 B07,B08,B13

TENSILE TEST								C10-29
C01	C01/C02	C10	C03	C11	C12	C13	C16	
	Surface Longitudinal	Prismatical	Temp (°C)	ReH (MPa)	Rm (MPa)	A (%)	ReH/Rm (%)	
Bottom Middle			+20	407	481	35.0	85	

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, 20 February 2021



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PROD-IDENT: 820285 MASS KG: 10301 NR: 1 CAST NR: S0525 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	407	481	35.0	85

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
	S0525		0.068		0.517		0.015		0.005		0.007		0.045		0.006		0.023		0.019		0.001		0.025
	S0534		0.067		0.513		0.012		0.006		0.008		0.041		0.006		0.022		0.017		0.002		0.025
	CAST NR.	C82	V	C83	N	C84	B	C85	Ti	C86	Sn	C87	Al_ZO	C88	C-eq1								
	S0525		0.002		.0034		.0000		0.001		0.001		0.043		.161								
	S0534		0.002		.0034		.0000		0.001		0.000		0.040		.159								

C-eq1: $C + Mn/6 + (Cr + Mo + V)/5 + (Ni + Cu)/15$

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