

A01 Tata Steel IJmuiden BV Wenckebachstraat 1 1951 JZ Velsen Noord Postbus 10000 1970 CA IJmuiden The Netherlands Company Trade Register 34040331 E-mail: info.testing@tatasteeleurope.com	A03 Doc nr. 2023110054 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 4500100829 11019044 00030	A08 Order nr. 55463 C	C70 STEEL MAKING PROCESS: BO
	B01,B02,B03,B04,B15 Hot rolled pickled, Coil, S355MC, EN 10149-2:2013:09-2013, 1.00 G/M2/side oiled, Mill edges, Tolerance EN 10051 : 2010 (E) (Thickness tolerance +0,3/-0,3 mm, Width tolerance +20/-0 mm).		B09,B10,B11 Dimensions 1500 mm X 5.0 mm
			B13 Total Mass KG 31003
		A11 Dispatch Note 34032	A10 Transport MILA

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

PROD-IDENT: 852327 MASS KG: 10361 NR: 1 CAST NR: L1177 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	391	482	33.5	81	

PROD-IDENT: 852326 MASS KG: 10311 NR: 1 CAST NR: L1177 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	391	482	33.5	81	

PROD-IDENT: 852325 MASS KG: 10331 NR: 1 CAST NR: L1177 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	391	482	33.5	81	

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
L1177	0.071	0.512	0.015	0.007	0.009	0.041	0.010	0.024	0.018	0.002	0.028
CAST NR.	C82 V	C83 N	C84 B	C85 Ti	C86 Sn	C87 Al _{2O}	C88 C-eql	B99 Country of Melt and Pour			
L1177	0.002	.0028	.0000	0.001	0.002	0.039	.164	Netherlands			

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
General Manager

IJmuiden, 16 December 2023

Page 1 of 1 Z01,202