

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. K 2023110009 00		A04 TATA STEEL
	A02 Test report 2.2, EN 10204.		
A06 Customer/Consignee NAANTALI STEEL SERVICE CENTRE OY RAUTAKATU 5 21110 NAANTALI FINLAND	A07, A09 Reference 4500100479 11018971 00030	A08 Order nr. 49585 C	C70 STEEL MAKING PROCESS: BO B09,B10,B11 Dimensions 1500 mm X 2.0 mm B13 Total Mass KG 49735 B08 Total NR. 4 All Dispatch Note 34032 A10 Transport MILA
	B01,B02,B03,B04,B15 Cold rolled, Coil, DC01 A, EN 10130:12-2006. Roughness Normal: 0.50 G/M2/Side oiled. Trimmed edges. Tolerance EN 10131 (Thickness tolerance +0.11/-0.11 mm, Width tolerance +5/-0 mm).		

PROD-IDENT: 850692A MASS KG: 13718 NR: 1 CAST NR: L1605 B07,B08,B13

TENSILE TEST										C10-29
C01	C01/C02	C10	C03 Temp (°C)	C11 Rp0.2 (MPa)	C12 Rm (MPa)	C13 A80 (%)	C16 Rp0.2/Rm (%)	C17 r value	C18 n value	
Top Middle	Transverse	Prismatical	+23	167	295	47.5	57	1.60	0.22	

PROD-IDENT: 85280256 MASS KG: 13608 NR: 1 CAST NR: L1624 B07,B08,B13

TENSILE TEST										C10-29
C01	C01/C02	C10	C03 Temp (°C)	C11 Rp0.2 (MPa)	C12 Rm (MPa)	C13 A80 (%)	C16 Rp0.2/Rm (%)	C17 r value	C18 n value	
Top Middle	Transverse	Prismatical	+23	168	297	45.0	57	1.90	0.21	

PROD-IDENT: 85280257 MASS KG: 13328 NR: 1 CAST NR: L1624 B07,B08,B13

TENSILE TEST										C10-29
C01	C01/C02	C10	C03 Temp (°C)	C11 Rp0.2 (MPa)	C12 Rm (MPa)	C13 A80 (%)	C16 Rp0.2/Rm (%)	C17 r value	C18 n value	
Top Middle	Transverse	Prismatical	+23	168	297	45.0	57	1.90	0.21	

PROD-IDENT: 850692B MASS KG: 9081 NR: 1 CAST NR: L1605 B07,B08,B13

TENSILE TEST										C10-29
C01	C01/C02	C10	C03 Temp (°C)	C11 Rp0.2 (MPa)	C12 Rm (MPa)	C13 A80 (%)	C16 Rp0.2/Rm (%)	C17 r value	C18 n value	
Top Middle	Transverse	Prismatical	+23	167	295	47.5	57	1.60	0.22	

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
L1605	0.041	0.206	0.004	0.011	0.002	0.048	0.016	0.013	0.024	0.005	0.000
L1624	0.045	0.200	0.008	0.011	0.002	0.048	0.010	0.018	0.017	0.002	0.000
CAST NR.	C82 V	C83 N	C84 B	C85 Ti	C86 Sn	C87 Al_ZO	B99 Country of Melt and Pour				
L1605	0.000	.0030	.0000	0.000	0.005	0.046	Netherlands				
L1624	0.000	.0040	.0000	0.001	0.001	0.047	Netherlands				

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

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