

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. K 2022022655 00		A04 TATA STEEL
	A02 Test report 2.2, EN 10204		
	A07, A09 Reference 4500054404 11000668 00010	A08 Order nr. 46024 A	
A06 Customer/Consignee NAANTALI STEEL SERVICE CENTRE OY RAUTAKATU 5 21110 NAANTALI FINLAND	B01,B02,B03,B04,B15 Cold rolled, Coil, DC01 A, EN 10130:12-2006, Roughness Normal, 0.50 G/M2/side oiled, Trimmed edges, Suitable for: Part galvanising. Tolerance EN 10131 (Thickness tolerance +0,11/-0,11 mm, Width tolerance +5/-0 mm). Country of Melt and Pour : Netherlands		C70 STEEL MAKING PROCESS: BO
	B09,B10,B11 Dimensions 1500 mm X 2.00 mm		
	B13 Total Mass KG 49825	B08 Total NR. 4	
	All Dispatch Note 31637	A10 Transport ANDREA	

PROD-IDENT: 71178156 MASS KG: 13388 NR: 1 CAST NR: Z0549 B07,B08,B13

TENSILE TEST										C10-29
C01	C01/C02	C10	C03	C11	C12	C13	C16	C17	C18	
			Temp (°C)	Rp0.2 (MPa)	Rm (MPa)	A80 (%)	Rp0.2/Rm (%)	r value	n value	
Middle Middle	Transverse	Prismatical	+23	164	296	51.0	55	2.00	0.21	

PROD-IDENT: 71178157 MASS KG: 13348 NR: 1 CAST NR: Z0549 B07,B08,B13

TENSILE TEST										C10-29
C01	C01/C02	C10	C03	C11	C12	C13	C16	C17	C18	
			Temp (°C)	Rp0.2 (MPa)	Rm (MPa)	A80 (%)	Rp0.2/Rm (%)	r value	n value	
Middle Middle	Transverse	Prismatical	+23	164	296	51.0	55	2.00	0.21	

PROD-IDENT: 71555556 MASS KG: 9551 NR: 1 CAST NR: Z1194 B07,B08,B13

TENSILE TEST										C10-29
C01	C01/C02	C10	C03	C11	C12	C13	C16	C17	C18	
			Temp (°C)	Rp0.2 (MPa)	Rm (MPa)	A80 (%)	Rp0.2/Rm (%)	r value	n value	
Middle Middle	Transverse	Prismatical	+23	176	309	48.5	57	1.65	0.22	

PROD-IDENT: 709282B MASS KG: 13538 NR: 1 CAST NR: W8335 B07,B08,B13

TENSILE TEST										C10-29
C01	C01/C02	C10	C03	C11	C12	C13	C16	C17	C18	
			Temp (°C)	Rp0.2 (MPa)	Rm (MPa)	A80 (%)	Rp0.2/Rm (%)	r value	n value	
Middle Middle	Transverse	Prismatical	+20	189	319	41.0	59	1.35	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
	Z0549	0.041	0.208	0.015	0.015	0.001	0.049	0.010	0.018	0.016	0.002	0.000
	Z1194	0.044	0.198	0.016	0.014	0.001	0.050	0.008	0.017	0.014	0.001	0.000
	W8335	0.045	0.202	0.008	0.012	0.001	0.046	0.011	0.020	0.011	0.002	0.000
	CAST NR.	C82 V	C83 N	C84 B	C85 Ti	C86 Sn	C87 Al_ZO					
	Z0549	0.001	.0043	.0000	0.000	0.003	0.047					
	Z1194	0.000	.0022	.0000	0.001	0.004	0.049					
	W8335	0.000	.0033	.0000	0.000	0.004	0.044					

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, 4 March 2022