

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. K 2021020789 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 4500036620 11000365 00070	A08 Order nr. 43022 K	C70 STEEL MAKING PROCESS: BO B09,B10,B11 Dimensions 1500 mm X 2.50 mm B13 Total Mass KG 25138 B08 Total NR. 2 A10 Dispatch Note 80419 A10 Transport MEREL V
	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 +0.13/-0.13 mm, Width tolerance +5/-0 mm). Country of melt and pour: The Netherlands		

PROD-IDENT: 813528A	MASS KG: 12679	NR: 1	CAST NR: R9736	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
Middle Middle	Transverse	Prismatical	+20	167	298	46.0	56	1.65	0.22

PROD-IDENT: 813528B	MASS KG: 12459	NR: 1	CAST NR: R9736	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
Middle Middle	Transverse	Prismatical	+20	167	298	46.0	56	1.65	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
R9736	0.042	0.210	0.010	0.013	0.001	0.046	0.012	0.020	0.023	0.002	0.000
CAST NR.	C82 V	C83 N	C84 B	C85 Ti	C86 Sn	C87 Al_ZO					
R9736	0.001	0.0040	0.0000	0.000	0.002	0.045					

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

Jeffrey Flemming

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