

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. 2021108200 00	A04 <b>TATA STEEL</b>
	A02 Inspection certificate 3.1, EN10204 A07, A09 Reference 5500001080 NAANTALI 11008863 5500001080/00010 A08 Order nr. 57737 A	
A05 Customer/Consignee SERVICE CENTRE MAASTRICHT B.V. B.U. FEIJEN POSTBUS 10.000 1970 CA IJMUIDEN NOORDHOLLAND	B01,B02,B03,B04,B15 Hot rolled pickled. Coil, S355MC, YMPRESS MG S:01-2010, 1.00 G/M2/Side oiled. Mill edges. Impact test. Suitable for: Part galvanizing, Cutting into sheet. Tolerance EN 10051 : 2010 (S) (Width tolerance +20/-0 mm) Dev.Tol. (Thickness tolerance +0.10/-0.18 mm). PRODUCE AND TEST ACCORDING TO EN 10148-2 Country of Melt and Pour : Netherlands	C70 STEEL MAKING PROCESS: BO B09,B10,B11 Dimensions 1500 mm X 8.00 mm B13 Total Mass KG 59600 B08 Total NR. 2 A11 Dispatch Note 66687 A10 Transport. HALLEY

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

C50

PROD-IDENT: 611069	MASS.KG: 29540	NR: 1	CAST NR: W0668	B07,B08,B13
TENSILE TEST				C10-29

C01	C01/C02	C10	C03 Temp (°C)	C11 R <sub>0.2</sub> (MPa)	C12 R <sub>m</sub> (MPa)	C13 A (%)	C16 R <sub>0.2</sub> /R <sub>m</sub> (%)
Bottom	Surface	Prismatical	+20	404	497	30.0	81
Middle	Longitudinal						

C01	C01/C02	C10	C03 Temp °C	B05	C41 mm	C40,C60,C65	C44	C42 ind.	C42 ind.	C42 ind.	C43 mean
Bottom	Surface	Prismatical	-20	0	5.0	ISO-V	J	110	115	122	116
Middle	Longitudinal										

PROD-IDENT: 611068	MASS.KG: 30060	NR: 1	CAST NR: W0066	B07,B08,B13
TENSILE TEST				C10-29

C01	C01/C02	C10	C03 Temp (°C)	C11 R <sub>0.2</sub> (MPa)	C12 R <sub>m</sub> (MPa)	C13 A (%)	C16 R <sub>0.2</sub> /R <sub>m</sub> (%)
Bottom	Surface	Prismatical	+20	416	501	29.5	83
Middle	Longitudinal						

C01	C01/C02	C10	C03 Temp °C	B05	C41 mm	C40,C60,C65	C44	C42 ind.	C42 ind.	C42 ind.	C43 mean
Bottom	Surface	Prismatical	-20	0	5.0	ISO-V	J	117	111	110	113
Middle	Longitudinal										

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	
W0668	0.071	1.003	0.014	0.006	0.006	0.036	0.008	0.023	0.018	0.003	0.023	
W0066	0.069	0.999	0.012	0.002	0.019	0.033	0.017	0.028	0.028	0.005	0.024	
CAST NR.	C82 V	C83 N	C84 B	C85 Ti	C86 Sn	C87 Al_ZO	C88 C-eq1					
W0668	0.002	.0032	.0000	0.001	0.001	0.034	.246					
W0066	0.002	.0043	.0001	0.001	0.002	0.031	.246					

C-eq1: 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, 30 September 2021

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