A01
Tata Steel IJmuiden BV
Wenckebachstraat 1
1951 JZ Velsen Noord
Postbus 10000
1970 CA IJmuiden The Netherlands
Telephone: 0251-492118
Company Trade Register 34040531
E-mail: info.testing@tatasteeleurope.com

A07.A09 Reference
5500001081 NAANTALI
11008864 4500035592/00010

A02
Inspection certificate 3.1, EN10204.

A81.A82.A85.A84.A15

A85 Doc. nr
2021013506 00

Hot rolled pickled, Coil, S355MC, YMPRESS WG S:01-2010.
1.00 G/M2/Side oiled.
Mill edges.
Impact test.
Suitable for: Part galvanising, Cutting into sheet.
Tolerance EN 10051 : 2010 (E) (Width tolerance +20/-0 mm) Dev.Tol. (Thickness tolerance +0.19/-0.19 mm).
PRODUCE AND TEST ACCORDING TO EN 10149-2
Country of melt and pour : The Netherlands.

TATA STEEL

Z04

A06 Customer/Consignee
SERVICE CENTRE MAASTRICHT B.V.
B.U. FEIJEN
POSTBUS 10.000

1970 CA IJMUIDEN

NOORDHOLLAND

A08 Order nr.
57898 A

A11 Dispatch note
74813

A10 Transport
VAGRANT

B09.B10.B11 Dimensions
1500 mm X 10.00 mm

C10-C29 TENSILE TEST

HARD-NESS

C48.C60.C65 IMPACT TEST AND OTHER TESTS

B07 PROD.-IDENT	B15 MASS kg	B08 NR	B07 CAST NR.		C01	C01/C02	C10	B05	C05 Temp °C	C11 R_{eH} MPa	C11 R_{eL} MPa	C11 $R_{p0.2}$ MPa	C12 R_m MPa	C15 A %	C15 A %	C16 R_{eH}/R_m %	C17 r-value	C18 n-value	C52	C01/C02	C10	B05	C41 mm	C40.C60.C65	C05 Temp °C	C44	C42 ind.	C42 ind.	C42 ind.	C45 mean	C95 ASTM E-112
607369	31820	1	S0092		32	1L	P		+ 20	396			486	31.0		81				1L	P	0	7.4	ISO-V	- 20	2	229	207	203	213	
607365	31940	1	S0094		32	1L	P		+ 20	385			481	27.5		80				1L	P	0	7.5	ISO-V	- 20	2	227	191	200	206	
607368	32100	1	S0096		32	1L	P		+ 20	383			479	31.0		80				1L	P	0	7.5	ISO-V	- 20	2	229	237	220	229	
TOTAL	95860	3																												

C71-C92 CHEMICAL COMPOSITION in %

B07 CAST NR.	B07 PROD.-IDENT	C71 C	C72 Mn	C75 P	C74 S	C75 Si	C76 Al	C77 Cu	C78 Cr	C79 Ni	C80 Mo	C81 Nb	C82 V	C85 N	C84 B	C85 C-eq	C86 Al-ZO	C87 Sn	C88 Ti	C89 C-eql
S0092		.074	0.987	.010	.004	0.010	0.030	.007	0.022	0.019	.002	.024	.002	.0039	.0000		0.028	.001	.001	.245
S0094		.071	1.009	.011	.006	0.010	0.037	.008	0.022	0.019	.002	.024	.002	.0040	.0000		0.036	.001	.001	.246
S0096		.064	0.979	.014	.004	0.011	0.029	.008	0.024	0.018	.002	.021	.003	.0038	.0000		0.028	.002	.001	.235

C44 1: J/cm² 2: J 3: Later. exp. (mm) 4: Contraction (%) 5: Shear area (%)

C01 1:1=Top 2:1=Edge 2=Middle 2=Middle 3=Bottom

C01 C02 L=Longitudinal 1=Surface T=Transverse Z=Centre Z=In Thickn dir S=Surface D=In Diagonal dir

C10 P=prismatical C=cylindrical

C-eql: C + Mn/6 + (Cr + Mo + V)/5 + (Ni + Cu)/15

C70 STEELMAKING PROCESS: BO

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

Z05 Stamp of the expert :

Z02
Tata Steel IJmuiden BV

JEFFREY FLEMMING
MGR. MECH. TESTING

IJMUIDEN, 2 FEBRUARI 2021

Z05 B06 A04

Z01 We hereby confirm that we comply to the terms of our order acknowledgement and any agreed concessions