

TATA STEEL

Z04

A02 Inspection certificate 3.1, EN10204.

SEVERAL STERA 00020

4500019883

Tata Steel IJmuiden BV
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Company Trade Register: 54040351
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Hot rolled pickled, Coil, S355MC, YMPRESS WG S:01-2010.
1.00 G/M2/Side oiled.
Mill edges.

2020017548 00

Tolerance EN 10051 : 2010 (E) (Width tolerance +20/-0 mm) Dev.Tol. (Thickness tolerance +0.14/-0.14 mm).

NAANTALI STEEL SERVICE CENTRE OY
RAUTAKATU 5

21110 NAANTALI
FINLAND

A10 Transport
ANKIE

A11 Dispatch note
61518

IMPACT TEST AND OTHER TESTS

C60, C60, C65

HARDNESS

TENSILE TEST

C10-C20

B07 PROD.- IDENT	B15 MASS kg	B08 NR	1500 mm X 4.00 mm			TENSILE TEST											IMPACT TEST AND OTHER TESTS										
			B07 CAST NR.	C01 C02	C01/C10 C02	C02	C10 Temp °C	C11 R _{eH} MPa	C11 R _{eL} MPa	C11 R _{p0.2} MPa	C12 R _m MPa	C15 A %	C15 A %	C15 A %	C16 R _{90/R_m} %	C17 r- value	C18 n- value	C52	C01/C10 C02	C02	C41 mm	C42 ind. ind.	C42 ind. ind.	C43 mean	C45 ASTM E-112		
6026271	14040	1	N9455	32	1L	P	+ 20	393			474	31.5		83													
6026272	14360	1	"	32	1L	P	+ 20	419			482	30.0		87													
6028651	11740	1	N9903	32	1L	P	+ 20	405			482	33.0		84													
6028652	11960	1	"	32	1L	P	+ 20	407			496	30.0		82													
6028641	11620	1	"	32	1L	P	+ 20	393			478	31.0		82													
6028642	11920	1	"	32	1L	P	+ 20																				
6027871	14800	1	N9906	32	1L	P	+ 20																				
6027872	14860	1	"	32	1L	P	+ 20																				
6027861	11720	1	N9909	32	1L	P	+ 20																				
6027862	14220	1	"																								
TOTAL	131240	10																									

CHEMICAL COMPOSITION in %

C64 1: J/cm²
2: Later. exp. (mm)
3: Contraction (%)
4: Shear area (%)

B07 CAST NR.	B07 PROD.- IDENT	C71 C	C72 Mn	C73 P	C74 S	C75 Si	C76 Al	C77 Cu	C78 Cr	C79 Ni	C80 Mo	C81 Nb	C82 V	C85 N	C84 B	C86 C-eq	C87 Al-ZO	C87 Sh	C88 Ti	C89 C-eq1	C01 1:1=Top 2:Middle 3=Bottom	C02 1=Surface 2=Centre 3=Surface	C02 L=Longitudinal T=Transverse Z=Thin thickness P=Prismatical C=Cylindrical	C10 mean
N9455		-0.69	0.500	0.13	-0.05	0.010	0.029	0.027	0.051	0.024	-0.03	0.025	0.002	0.0028	0.0000	0.163	0.027	0.004	-0.001	-1.63				
N9903		-0.68	0.498	0.12	-0.05	0.009	0.029	0.026	0.032	0.026	-0.03	0.027	0.002	0.0028	0.0000	0.162	0.028	0.003	-0.001	-1.70				
N9906		-0.76	0.499	0.15	-0.04	0.012	0.029	0.021	0.037	0.022	-0.03	0.028	0.002	0.0024	0.0000	0.170	0.028	0.002	-0.001	-1.70				
N9909		-0.69	0.504	0.12	-0.03	0.020	0.033	0.015	0.021	0.016	-0.02	0.026	0.002	0.0039	0.0001	0.160	0.031	0.002	-0.001	-1.60				

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

Stamp of the expert :

Tata Steel IJmuiden BV

Z05

B06

A04

ANDRE GILLEBAART
GM PRODUCTANALYSIS



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

IJMUIDEN, 15 FEBRUARI 2020

01M0675E

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