

TATA STEEL

Inspection certificate 3.1, EN10204.

SBA INTERIOR 00010

Hot rolled pickled, Coil, S355MC, YMPRESS WG S:01-2010.
1.00 G/M2/Side oiled.
Mill edges.

Tolerance EN 10051 : 2010 (E) (Width tolerance +20/-0 mm) Dev.Tol. (Thickness tolerance +0.13/-0.13 mm).

NAANTALI STEEL SERVICE CENTRE OY
RAUTAKATU 5
21110 NAANTALI
FINLAND

54687 A

150 mm X 3.00 mm

ABZ

ABZ Doc. nr. 2020025957 00

ABZ Customer/TransLine

ABZ Order nr. 67949

ABZ Dispatch note

ABZ Reference 4500019863

ABZ Doc. nr. 2020025957 00

ABZ Customer/TransLine

TENSILE TEST				HARDNESS				IMPACT TEST AND OTHER TESTS																								
PROD.-IDENT	MASS kg	NR	CAST NR.	Temp °C	R _{eH} MPa	R _{eL} MPa	R _{p0.2} MPa	R _m MPa	A %	A %	R _{eh/Rm} %	r _m value	n-value	C32	C32	C32	C32	C40/C10	C40/C10	C41	C44	C42	C42	C42	C45	C45	C45	C45				
6027831	15020	1	N9904	+ 20	419			485	34.0		86																					
6028251	15040	1	N9908	+ 20	421			492	34.0		86																					
6028631	14960	1	N9909	+ 20	411			482	34.0		85																					
TOTAL	45020	3																														

CHEMICAL COMPOSITION in %																								
C	Mn	P	S	Si	Al	Cu	Cr	Ni	Mo	Nb	V	N	B	C-eq	Al-ZO	Sn	Ti	C-eq1	C01	C01	C02	C02	C02	C10
0.065	0.506	0.014	0.006	0.012	0.032	0.031	0.031	0.026	0.003	0.026	0.003	0.020	0.0000	0.001	0.050	0.003	0.001	0.161	1=Top	2=Edge	3=Surface	4=Centre	5=Thick dir.	P=Prismatic
0.069	0.514	0.017	0.005	0.013	0.030	0.025	0.032	0.023	0.003	0.025	0.004	0.026	0.0000	0.002	0.028	0.002	0.002	0.166	2=Middle	3=Bottom	4=Surface	5=Diagonal dir.	Z=Thick dir.	C=Cylindrical
0.069	0.504	0.012	0.003	0.020	0.033	0.015	0.021	0.016	0.002	0.026	0.002	0.039	0.0001	0.001	0.031	0.002	0.001	0.160	C-eq1: C + Mn/6 + (Cr + Mo + V)/5 + (Ni + Cu)/15					

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

Stamp of the expert :

Tata Steel IJmuiden BV

ANDRE GILLEBAART
GM PRODUCTANALYSIS

IJMUIDEN, 7 MAART 2020

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