

AV1 Tata Steel IJmuiden BV
 Hannekebockstraat 1
 3931 JZ Welsom Noord
 1970 CA IJmuiden The Netherlands
 Telephone: 0251-492110
 Company Trade Register 34064551
 E-mail: info.testing@tatasteel-europe.com

AV2 Inspection certificate 3.1, EN10204.
 STERA TECHNOLOGIE00030

AV3 Hot rolled pickled, Coil, S355MC, YMPRESS WG S:01-2010.
 1.00 G/M2/Side oiled.
 Mill edges.

AV4 Tolerance EN 10051 : 2010 (E) (Width tolerance +20/-0 mm) Dev.Tol. (Thickness tolerance +0.16/-0.16 mm).

AV5 Dec. nr
 2019126282 00

AV6 NAANTALI STEEL SERVICE CENTRE OY
 RAUTAKATU 5
 21110 NAANTALI
 FINLAND

AV7 A10 Dispatch note
 48111

AV8 Order nr.
 53207 C

AV9 A11 Transport
 JULYN

AV10 TATA STEEL

B09-B10-B11 Dimensions		B10-E29		TENSILE TEST										HARDNESS										IMPACT TEST AND OTHER TESTS													
B07	B08	B09	B10	B11	B12	B13	B14	B15	B16	B17	B18	B19	B20	B21	B22	B23	B24	B25	B26	B27	B28	B29	B30	B31	B32	B33	B34	B35	B36	B37	B38	B39	B40	B41	B42	B43	B44
PROD. IDENT	MASS kg	MR NR.	CAST NR.	1500 mm X	6.00 mm	Temp °C	ReH MPa	Rel MPa	Rp0.2 MPa	Rm MPa	A %	A %	R _{EH} /R _m %	r-value	n-value	C52	C53	C54	C55	C56	C57	C58	C59	C60	C61	C62	C63	C64	C65	C66	C67	C68	C69	C70	C71	C72	
6020881	14060	1	N4414	32	11 P	+ 20	399			468	31.5		85																								
6020882	14380	1																																			
TOTAL																																					

B71-E32										B71-E32																										
CHEMICAL COMPOSITION in %																																				
B07	B08	B09	B10	B11	B12	B13	B14	B15	B16	B17	B18	B19	B20	B21	B22	B23	B24	B25	B26	B27	B28	B29	B30	B31	B32	B33	B34	B35	B36	B37	B38	B39	B40	B41	B42	B43
CAST NR.	C	Mn	P	S	Si	Al	Cu	Cr	Ni	Mo	Nb	V	N	B	C-eq	A1-Z0	Sn	Ti	C-eq1																	
N4414	.072	0.504	.008	.006	0.015	0.047	.013	0.027	0.022	.005	.028	.002	.0033	.0001	.165	0.045	.002	.001	.165																	

B44 1: J/cm²
 2: Later. exp. (mm)
 3: Contraction (Z)
 4: Shear area (Z)

B70 STEELMAKING PROCESS: BO Page 1 of 1


B71 Tata Steel IJmuiden BV

B72 ANDRE GILLEBAART
 GM PRODUCTANALYSIS

B73 IJMUIDEN, 26 DECEMBER 2019

B50 Buigproef/Bend test/Biegeversuch/Test de flexion : goed/good/gut/concluant

B55 Stamp of the expert :

B56 

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

01M0675E 01M0675E