


Tata Steel IJmuiden BV Vrochtwechstraat 1 1951 JZ Velsen Noord Postbus 19000 1970 CA IJmuiden The Netherlands Telefoon: 0201-692110 Company Trade Register 3480331 E-mail: info.testing@tatasteel.com		450023452 11008864 NAANTALI STEEL SERVICE CENTRE OY 00020		Inspection certificate 3.1, EN10204. 001,002,003,004,015		TATA STEEL																					
2020044453 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																									
Customer/Complains SERVICE CENTRE MAASTRICHT B.V. B.U. FEIJEN POSTBUS 10.000 1970 CA IJMUIDEN NOORDHOLLAND		Order no. 56336 B		Dispatch note 63356		Transport DEVIANT																					
Dimensions 1500 mm X 10.00 mm		TENSILE TEST										HARDNESS		IMPACT TEST AND OTHER TESTS													
PROG. IDENT	MASS kg	NR	CAST NR.	32	1L	P	Temp °C	R_{0.2} MPa	R_m MPa	A %	A %	R_{0.2}/R_m %	n-value	n-value	1L	P	D	7.6	ISO-V	Temp °C	2	226	231	221	226	ASTM E-112	
604331	31780	1	P4818				+ 20	429																			
TOTAL	31780	1																									
CHEMICAL COMPOSITION in %																		1: J/cm² 2: J 3: Later. exp. (mm)		4: Contraction (%) 5: Shear area (%)							
CAST NR.	PROD. IDENT	C	Mn	P	S	Si	Al	Cu	Cr	Ni	Mo	Nb	V	N	B	C-eq	Al-ZO	Sn	Ti	C-eq1	1: Top	2: Edge	3: Surface	4: Transverse	5: Longitudinal	6: Parallel	7: Optical
P4818		.061	1.350	.014	.005	0.019	0.046	.019	0.027	0.023	.005	.035	.006	.0040	.0000		0.042	.005	.002	.2%	1: Top	2: Edge	3: Surface	4: Transverse	5: Longitudinal	6: Parallel	7: Optical
C=eq1: C + Mn/6 + (Cr + Mo + V)/5 + (Ni + Cu)/15																				STEELMAKING PROCESS: 80		Page 1 of 1					
C50 Bulproof/Bend test/Biegeversuch/Test de flexion : goed/good/gut/concluant										Stamp of the expert :										Tata Steel IJmuiden BV ANDRE GILLEBAART GM PRODUCTANALYSIS  IJMUIDEN, 8 MEI 2020							
Z01 We hereby confirm that we comply to the terms of our order acknowledgement and any agreed concessions																											