

TATA STEEL

401 Tata Steel IJmuiden BV
 Henekebochstraat 1
 1961 JZ Velzen Noord
 Postbus 10000
 1970 EA IJmuiden, The Netherlands
 Telephone: 0251-492110
 Company Trade Register 54040551
 E-mail: info.testing@tatasteel.nl

407-489 Reference
 6500023452
 11008863
 NAANTALI STEEL SERVICE CENTRE OY
 00010

402 Inspection certificate 3.1, EN10204.
 801.802.803.804.815

408 Doc. nr.
 2020038050 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 +0.18/-0.18 mm).
 PRODUCE AND TEST ACCORDING TO EN 10149-2

406 Customer/consLme
 SERVICE CENTRE MAASTRICHT B.V.
 B.U. FEIJEN
 POSTBUS 10.000
 1970 CA IJMUIDEN
 NOORDHOLLAND

403 Order nr. **58336 A**
 404 Dispatch note **78487**
 410 Transport **ALLADIN**

PROD.- IDENT	MASS kg	NR	CAST MR.	1500 mm X 8.00 mm		TENSILE TEST										IMPACT TEST AND OTHER TESTS																										
				807	808	809	810	811	812	813	814	815	816	817	818	819	820	821	822	823	824	825	826	827	828	829	830	831	832	833	834											
604181	31940	1	P4716	32	11	P	529	28.0		87																					0	5.1	ISO-V	- 20	2	114	114	117	115			
604185	31760	1	P4810	32	11	P	541	28.5		84																				0	5.0	ISO-V	- 20	2	117	123	131	124				
604186	31780	1	"	32	11	P	530	28.5		86																				0	5.0	ISO-V	- 20	2	122	128	125	125				
604182	31760	1	P4812	32	11	P	525	27.5		84																				0	5.0	ISO-V	- 20	2	118	120	135	124				
604183	31780	1	P4816	32	11	P	538	29.0		86																				0	5.1	ISO-V	- 20	2	114	122	120	119				
604184	31780	1	P4821	32	11	P	535	28.5		84																				0	5.0	ISO-V	- 20	2	114	115	111	113				
TOTAL	190800	6																																								

405-409

409-810.811 Dimensions

PROD. IDENT		CHEMICAL COMPOSITION in %																		
B07	B08	C	Mn	P	S	Si	Al	Cu	Cr	Ni	Mo	Nb	V	N	B	C-eq	Al-ZO	Sn	Ti	C-eq1
P4716	0.64	1.317	0.13	0.016	0.034	0.026	0.025	0.026	0.006	0.034	0.003	0.0043	0.001	0.032	0.004	0.001	0.026	0.007	0.001	0.294
P4810	0.64	1.307	0.14	0.028	0.027	0.020	0.029	0.027	0.005	0.035	0.0041	0.0000	0.0000	0.029	0.004	0.0000	0.029	0.004	0.002	0.292
P4812	0.61	1.333	0.14	0.004	0.022	0.030	0.017	0.027	0.025	0.004	0.038	0.0000	0.0000	0.043	0.005	0.001	0.043	0.005	0.001	0.300
P4816	0.65	1.338	0.15	0.004	0.021	0.045	0.023	0.034	0.029	0.007	0.035	0.003	0.004	0.034	0.001	0.001	0.039	0.004	0.002	0.297
P4821	0.61	1.340	0.15	0.005	0.020	0.041	0.023	0.037	0.028	0.006	0.034	0.004	0.001	0.039	0.001	0.001	0.039	0.004	0.002	0.297

411-414

411-414 Dimensions

415-419

415-419 Dimensions

PROD. IDENT		CHEMICAL COMPOSITION in %																		
B07	B08	C	Mn	P	S	Si	Al	Cu	Cr	Ni	Mo	Nb	V	N	B	C-eq	Al-ZO	Sn	Ti	C-eq1
P4716	0.64	1.317	0.13	0.016	0.034	0.026	0.025	0.026	0.006	0.034	0.003	0.0043	0.001	0.032	0.004	0.001	0.026	0.007	0.001	0.294
P4810	0.64	1.307	0.14	0.028	0.027	0.020	0.029	0.027	0.005	0.035	0.0041	0.0000	0.0000	0.029	0.004	0.0000	0.029	0.004	0.002	0.292
P4812	0.61	1.333	0.14	0.004	0.022	0.030	0.017	0.027	0.025	0.004	0.038	0.0000	0.0000	0.043	0.005	0.001	0.043	0.005	0.001	0.300
P4816	0.65	1.338	0.15	0.004	0.021	0.045	0.023	0.034	0.029	0.007	0.035	0.003	0.004	0.034	0.001	0.001	0.039	0.004	0.002	0.297
P4821	0.61	1.340	0.15	0.005	0.020	0.041	0.023	0.037	0.028	0.006	0.034	0.004	0.001	0.039	0.001	0.001	0.039	0.004	0.002	0.297

420-424

420-424 Dimensions

425-429

425-429 Dimensions

Stamp of the expert:

Tata Steel IJmuiden BV

ANDRE GILLEBAART
 GM PRODUCTANALYSIS

IJMUIDEN, 16 APRIL 2020

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