

**TATA STEEL**

Inspection certificate 3.1, EN10204.

5500000113  
11004609

GRIMME LANDMASCHINENFABRIK GMBH

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

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Service Center Maastricht B.V.  
B.U. FEIJEN  
POSTBUS 10.000  
1970 CA IJMUIDEN  
NOORDHOLLAND

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

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87402

CONFIDENT

TENSILE TEST										IMPACT TEST AND OTHER TESTS													
PROD. IDENT	MASS kg	NR	CAST NR.	1500 mm X 8.00 mm	Temp °C	R <sub>0.2</sub> MPa	R <sub>m</sub> MPa	A %	A %	R <sub>0.2</sub> MPa	R <sub>m</sub> MPa	A %	A %	R <sub>0.2</sub> MPa	R <sub>m</sub> MPa	A %	A %	Temp °C	Ind. ind.	Ind. ind.	Ind. ind.	ASTM E-112	
604850	31860	1	P7510	32 1L P	+ 20	399	492 29.0	81	81	492 29.0	399	29.0	81	32 1L P	0	5.1	ISO-V	- 20	2	102	105	107	105
604851	31820	1	"	32 1L P	+ 20	409	500 30.0	82	82	500 30.0	409	30.0	82	32 1L P	0	5.1	ISO-V	- 20	2	110	107	114	110
604849	31740	1	"	32 1L P	+ 20	396	501 25.0	79	79	501 25.0	396	25.0	79	32 1L P	0	5.0	ISO-V	- 20	2	119	113	115	116
TOTAL						95420		3															

CHEMICAL COMPOSITION in %																		
CAST NR.	PROD. IDENT.	C	Mn	P	S	Si	Al	Cu	Cr	Ni	Mo	Mb	V	N	B	C-eq	Ti	Sn
P7510		.085	0.984	.013	.005	0.010	0.029	.024	0.032	0.023	.004	.024	.003	.0038	.0000	.260	.001	.003

Stamp of the expert :

Tata Steel IJmuiden BV

ANDRE GILLEBAART  
GM PRODUCTANALYSIS

IJMUIDEN, 28 MEI 2020

STEELMAKING PROCESS: B0 Page 1 of 1

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