

# TATA STEEL

**A01** Tata Steel IJmuiden BV  
 Meneckbachstraat 1  
 1951 JZ Velsen Noord  
 Postbus 10100  
 1970 CA IJmuiden The Netherlands  
 Telephone: 0251-492110  
 Company Trade Register 54040531  
 E-mail: info.testing@tatasteel-europe.com

**A07** Reference  
 4500031885  
 11001464

**A08** 00020

**A09** Inspection certificate 3.1, EN10204.

**A10** B01-B02-B03-B04-B15

**A11** Doc. nr  
 2021000200 00

**A12** 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).  
 PRODUCE AND TEST ACCORDING TO EN 10149-2  
 Country of melt and pour : The Netherlands.

**A13** Customer/Consignee  
 NAANTALI STEEL SERVICE CENTRE OY  
 RAUTAKATU 5  
 21110 NAANTALI  
 FINLAND

**A14** Order nr.  
 54701 B

**A15** Dispatch note  
 65834

**A16** All Transport  
 OSTBORG

809-810-811 Dimensions		1500 mm X 3.00 mm		TENSILE TEST										HARDNESS										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	835	836	837	838	839	840	841	842	843	844
PROD. IDENT	MASS kg	NR	CAST NR.	ReL MPa	Rm MPa	Rp0.2 MPa	A %	A %	ReH MPa	Temp °C	Temp °C	ReH/Rm %	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	C73	C74
810291	10341	1	R8688	397	484	34.0				+ 20		82																									
810292	10301	1	"																																		
810293	10361	1	"																																		
<b>TOTAL</b>	<b>31003</b>	<b>3</b>																																			

CHEMICAL COMPOSITION in %										C44		C45		C46		C47		C48		
849	850	851	852	853	854	855	856	857	858	859	860	861	862	863	864	865	866	867	868	869
CAST NR.	C	Mn	P	S	Si	Al	Cu	Cr	Ni	Mo	Nb	V	N	B	C-eq	A1-Z0	Sn	Ti	C-eq1	C-eq2
R8688	.075	0.489	.015	.005	0.007	0.029	.007	0.024	0.021	.001	.024	.003	.0035	.0000	.164	0.028	.002	.001	.164	

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

**C51** Stamp of the expert :

**C52** Tata Steel IJmuiden BV

**C53** JEFFREY FLEMING  
 MGR. MECH. TESTING  
*Jeffrey Fleming*

**C54** IJMUIDEN, 2 JANUARI 2021

**C55** 01W6575E

**C56** 01W6575E

**C57** 01W6575E

**C58** 01W6575E

**C59** 01W6575E

**C60** 01W6575E

**C61** 01W6575E

**C62** 01W6575E

**C63** 01W6575E

**C64** 01W6575E

**C65** 01W6575E

**C66** 01W6575E

**C67** 01W6575E

**C68** 01W6575E

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**C93** 01W6575E

**C94** 01W6575E

**C95** 01W6575E

**C96** 01W6575E

**C97** 01W6575E

**C98** 01W6575E

**C99** 01W6575E

**C100** 01W6575E