

Tata Steel IJmuiden BV  
 Industrieterrein 1  
 1361 AZ IJmuiden  
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 1370 EA IJmuiden The Netherlands  
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4500031885  
 11001975  
 2021000199 00

00010  
 Inspection certificate 3.1, EN10204.

Hot rolled pickled, Coil, S355MC, YMPRESS WG S:01-2010.  
 1.00 G/M<sup>2</sup>/side oiled.  
 Mill edges.  
 Tolerance EN 10051 : 2010 (E) (Width tolerance +20/-0 mm) Dev.Tol. (Thickness tolerance +0.15/-0.15 mm).  
 PRODUCE AND TEST ACCORDING TO EN 10149-2  
 Country of melt and pour : The Netherlands.

**TATA STEEL**

Customer/Order No.:  
**54701 A**  
 All Dispatch note  
**65834**  
 All Transport  
**OSTROING**

1500 mm X 5 mm  
**MAANTALI STEEL SERVICE CENTRE OY**  
**RAUAKATU 5**  
**21110 MAANTALI**  
**FINLAND**

1500 mm X 5 mm  
**TENSILE TEST**  
**HARDNESS**  
**IMPACT TEST AND OTHER TESTS**

PROD. IDENT	MASS Kg	NR	CAST NR.	Temp °C	R <sub>0.2</sub> Mpa	R <sub>m</sub> Mpa	A %	A %	R <sub>0.2</sub> /R <sub>m</sub> %	F <sub>0.2</sub> value	n <sup>-</sup> value	HARDNESS	IMPACT TEST AND OTHER TESTS
806330	10560	1	R8243	+ 20	397	475	34.0	84					
806331	10481	1	"	+ 20	396	476	34.5	83					
806230	10550	1	"										
806231	10540	1	"										
806232	10131	1	"										
806674	10700	1	R8246	+ 20	396	476	34.0	83					
<b>TOTAL</b>	<b>62962</b>	<b>6</b>											

**CHEMICAL COMPOSITION in %**

CAST NR.	C	Mn	P	S	Si	Al	Cu	Cr	Ni	Mo	Nb	V	N	B	C-eq	Al-Z0	Sn	Ti	C-eq1
R8243	0.070	0.521	0.017	0.007	0.010	0.035	0.007	0.022	0.019	0.002	0.026	0.035	0.0034	0.000	0.034	0.001	0.001	0.001	0.164
R8245	0.072	0.528	0.015	0.006	0.014	0.031	0.007	0.023	0.020	0.002	0.028	0.032	0.0025	0.001	0.031	0.001	0.002	0.165	

C50 Buigproef/Band test/Biegeversuch/Test de flexion : good/good/gut/concluant  
 Stamp of the expert :

Tata Steel IJmuiden BV  
 JEFFREY FLEMING  
 MGR. MECH. TESTING  
 IJMUIDEN, 2 JANUARI 2021

Stamp of the expert :  
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