

Inspection certificate 3.1, EN10204.
00010

4500031885
110011475

Hot rolled pickled, Coil, S355MC, YMPRESS WG S:01-2010.
1.00 G/M2/Side oiled.
Mill edges.

2021000199 00
NAANTALI STEEL SERVICE CENTRE OY
RAUTAKATU 5

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.

21110 NAANTALI
FINLAND

54701 A

1500 mm X 5 mm

TENSILE TEST

HARDNESS

PROD.- IDENT	MASS kg	B08 NR	B07 CAST NR.	B15 1500 mm X 5 mm	IMPACT TEST AND OTHER TESTS																
					C01 G01	C02 G02	C10-C29	C03 Temp °C	C04 ReH MPa	C05 ReL MPa	C06 Rm MPa	C07 R _{p0.2} MPa	C08 A %	C09 A %	C10 R _{eh} /R _m %	C11 r-value	C12 n-value	C13 HARDNESS			
806330	10560	1	R8243																		
806331	10481	1	"																		
806230	10550	1	"																		
806231	10540	1	"																		
806232	10131	1	"																		
806674	10700	1	R8246																		
TOTAL	62962	6																			

CHEMICAL COMPOSITION in %

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
R8243		+0.70	0.521	+0.017	+0.006	0.010	0.035	+0.007	0.022	0.019	+0.002	+0.026	+0.003	+0.034	+0.000	0.034	+0.001	+0.001	+0.001	+0.164
R8246		+0.72	0.520	+0.014	+0.006	0.014	0.031	+0.007	0.023	0.020	+0.002	+0.026	+0.002	+0.025	+0.001	0.031	+0.001	+0.002	+0.002	+0.166

Stamp of the expert :

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

200

Stamp of the expert :

Tata Steel IJmuiden BV

JEFFREY FLEMING
MGR. MECH. TESTING

Jeffrey Fleming

1JMUIDEN, 2 JANUARI 2021

STEELMAKING PROCESS: B0 Page 1 of 1

4: Contraction (%)
5: Shear area (%)