

**AB1** Tata Steel IJmuiden BV  
 Menekebachstraat 1  
 Postbus 10000  
 1970 CA IJmuiden, The Netherlands  
 Telephone: 0251-492110  
 Company Trade Register: 54040851  
 E-mail: info.testing@tatasteel-europe.com

**AB2** Inspection certificate 3.1, EN10204.  
 00040  
 B01-B02-B05-B06-B15

**AB3** LASERKESKUS  
 4500031343  
 11001477

**AB4** Dec. nr  
 2020103702 00

**AB5** Customer/Consignment  
 NAANTALI STEEL SERVICE CENTRE OY  
 RAUTAKATU 5  
 21110 NAANTALI  
 FINLAND

**AB6** Order nr.  
 54100 D

**AB7** Dispatch note  
 52480

**AB8** Dimensions  
 1500 mm X 6 mm

**AB9** Reference  
 00040

**AB10** Transport  
 JULYN

**AB11** TATA STEEL

**AB12** Z04

Hot rolled pickled, Coil, S355MC, YMPRESS WG S:01-2010.  
 1.00 G/M2/Side oiled.  
 Mill edges.  
 Impact test.  
 Tolerance EN 10051 : 2010 (E) (Width tolerance +20/-0 mm) Dev.Tol. (Thickness tolerance +0.16/-0.16 mm).  
 PRODUCE AND TEST ACCORDING TO EN 10149-2  
 Country of melt and pour : The Netherlands.

TENSILE TEST										IMPACT TEST AND OTHER TESTS																				
C10-C29										C40-C60.C65																				
PROD. IDENT	MASS kg	NR	CAST NR.	C01	C01/C02	C02	Temp °C	R <sub>eH</sub> MPa	R <sub>p0.2</sub> MPa	R <sub>m</sub> MPa	A %	A %	A %	R <sub>eH</sub> /R <sub>m</sub> %	r <sub>m</sub> value	n <sub>18</sub> value	C52	C01/C02	C10	B05	C41	mm	Temp °C	C44	C42	C42	C45	C45	mean	ASTM E-112
795910	13418	1	R6067	32	1L	P	+ 20	413		494	29.5			84				1L	P	0	5.1	ISO-V	- 20	2	103	102	108	104		
795911	13268	1	"	32	1L	P	+ 20	408		495	30.0			82				1L	P	0	5.1	ISO-V	- 20	2	113	101	112	109		
795909	13348	1	"																											
<b>TOTAL</b>	<b>40034</b>	<b>3</b>																												

CHEMICAL COMPOSITION in %																			
C67-C92																			
CAST NR.	C	Mn	P	S	Si	Al	Cu	Cr	Ni	Mo	Nb	V	N	B	C-eq	Al-Z0	Sn	Ti	C-eq1
R6067	-0.071	1.018	.015	.004	0.009	0.024	.010	0.024	0.021	-0.002	.021	.003	.0029	.0000	.249	0.023	.001	.001	.001

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

**C55** Stamp of the expert :

**C60** STEELMAKING PROCESS: B0 Page 1 of 1

**C65** Tata Steel IJmuiden BV

**C70** JEFFREY FLEMMING  
 MGR. MECH. TESTING

**C75** JEFFREY FLEMMING

**C80** IJMUIDEN, 14 NOVEMBER 2020

**C85** 4: Contraction (%)  
 5: Shear area (%)

**C90** 1: J/cm<sup>2</sup>  
 2: Later. exp. (mm)  
 3: Later. exp. (mm)

**C95** C01: C + Mn/6 + (Cr + Mo + V)/5 + (Ni + Cu)/15  
 C02: 1-Surface  
 C03: 2-Surface  
 C04: 3-Surface  
 C05: 4-Surface  
 C06: 5-Surface  
 C07: 6-Surface  
 C08: 7-Surface  
 C09: 8-Surface  
 C10: 9-Surface  
 C11: 10-Surface  
 C12: 11-Surface  
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 C95: 94-Surface  
 C96: 95-Surface  
 C97: 96-Surface  
 C98: 97-Surface  
 C99: 98-Surface  
 C100: 99-Surface  
 C101: 100-Surface

**Z01** We hereby confirm that we comply to the terms of our order acknowledgement and any agreed concessions

**Z05** 01W6575E