A01
Tata Steel IJmuiden BV
Wenckebachstraat 1
1951 JZ Velsen Noord
Postbus 10000
1970 CA IJmuiden The Netherlands
Telephone: 0251-492110

Company Trade Register 34040551
E-mail: info.testing@tatasteeleurope.com

A07.A09 Reference
4500023451 NAANTALI STEEL SERVICE CENTRE OY
11008862 00030

A02
Inspection certificate 3.1, EN10204.

B01.B02.B03.B04.B15
Hot rolled dry, Coil, S355MC, YMPRESS WG S:01-2010.
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/-0.48 mm).
PRODUCE AND TEST ACCORDING TO EN 10149-2

TATA STEEL

A05 Doc. nr
2020034287 00

Z04

A06 Customer/Consignee
SERVICE CENTRE MAASTRICHT B.V.
B.U. FEIJEN
POSTBUS 10.000

1970 CA IJMUIDEN

NOORDHOLLAND

A08 Order nr.
58277 C

A11 Dispatch note
74713

A10 Transport
CHALLENGER

B09.B10.B11 Dimensions
1500 mm X 20.00 mm

C10-C29 TENSILE TEST | HARDNESS | C40.C60.C65 IMPACT TEST AND OTHER TESTS

B07 PROD.-IDENT	B13 MASS kg	B08 NR	B07 CAST NR.		C01	C01/C02	C10	B05	C05 Temp °C	C11 R_{eH} MPa	C11 R_{eL} MPa	C11 $R_{p0.2}$ MPa	C12 R_m MPa	C13 A %	C15 A %	C16 R_p/R_m %	C17 r-value	C18 n-value	C52	C01/C02	C10	B05	C41 mm	C40.C60.C65	C05 Temp °C	C44	C42 ind.	C42 ind.	C42 ind.	C43 mean	C95 ASTM E-112
1657052	29620	1	P3749		32	1L	P		+ 20			379	512	31.5		74				1L	P	0	10.0	ISO-V	- 20	2	317	313	312	314	
TOTAL	29620	1																												

C71-C92 CHEMICAL COMPOSITION in %

B07 CAST NR.	B07 PROD.-IDENT	C71 C	C72 Mn	C75 P	C74 S	C75 Si	C76 Al	C77 Cu	C78 Cr	C79 Ni	C80 Mo	C81 Nb	C82 V	C83 N	C84 B	C85 C-eq	C86 Al-ZO	C87 Sn	C88 Ti	C89 C-eql
P3749		.064	1.337	.015	.003	0.016	0.038	.023	0.021	0.023	.004	.035	.002	.0048	.0000		0.037	.006	.002	.295

C44 1: J/cm² 2: J 3: Later. exp. (mm) 4: Contraction (%) 5: Shear area (%)

C01 1:1=Top 2=Middle 3=Bottom 2:1=Edge 2=Middle

C01 C02 L=Longitudinal T=Transverse Z=in Thickn dir S=Surface D=in Diagonal dir

C10 P=prismatical C=cylindrical

C-eql: C + Mn/6 + (Cr + Mo + V)/5 + (Ni + Cu)/15

C70 STEELMAKING PROCESS: BO

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

Z05

B06

A04

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

Z05 Stamp of the expert :

Z02
Tata Steel IJmuiden BV

ANDRE GILLEBAART
GM PRODUCTANALYSIS

IJMUIDEN, 31 MAART 2020