

Material Certificate List

Shipping Address		Information	
Ship-to-party	TAMMINIITY OY KETJUTIE 4 27710 KILYLI FINLAND	Document Number	80485633
		Delivery Date	19.05.2021
		Sales Order Number	153526
		Sales Order Date	11.05.2021
		Purchase Order Number	006584
		Customer Number	201512
		Mode of Transportation	
		Delivery Term	DAP EURA
		Country of Origin	
		Country of Destination	FI
		From/Via	35A1
		Route	R00000
		Delivery Plant	35A1
		Certificate Receiver	myynti@tamminiity.fi
Buyer			
Sold to Party	TAMMINIITY OY KETJUTIE 4 27710 KILYLI FINLAND		
Weight-Volume			
Total Gross Weight	17.063,00 KG		
Total Net Weight	17.063,00 KG		
Total Packages	7		

Shipping Details					
Item	Material Description	Cust. Prod Code	Ordered Quantity	Delivered Quantity	Weight
10	13002042 Hot Rolled Pickled,Sheet, 6.00X1500.00X3000.00	4010600	2.500,00	2.580,00	2.580,00 KG
Steel Grade	YMPRESS S355 MC				
Batch	0001243714	Material ID	835134		
20	13001617 Hot Rolled Pickled,Sheet, 10.00X1500.00X3000.00	4011000	2.500,00	2.473,00	2.473,00 KG
Steel Grade	S355				
Batch	0001216539	Material ID	6068591		
30	13001618 HRP,SHEET, 12.00X1500.00X3000.00	4011200	7.500,00	0,00	0,00 KG
Steel Grade	S355				
Batch		Material ID			
40	13001619 Hot Rolled Dry,Sheet, 15.00X1500.00X3000.00	4511500	2.500,00	2.120,00	2.120,00 KG
Steel Grade	S355				
Batch	0001191717	Material ID	2957029		
50	13011744 Hot Rolled Dry,Sheet,	4511600	2.500,00	2.261,00	2.261,00 KG

Material Certificate List

Information	
Document Number	80485633
Delivery Date	19.05.2021

Item	Material Description	Cust. Prod Code	Ordered Quantity	Delivered Quantity	Weight
Steel Grade	16.00X1500.00X3000.00				
Batch	S355				
	0001204794	Material ID	3017150		
900001	13001618	4011200	7.500,00	2.543,00	2.543,00 KG
	Hot Rolled Pickled,Sheet, 12.00X1500.00X3000.00				
Steel Grade	S355				
Batch	0001243543	Material ID	607718		
900002	13001618	4011200	7.500,00	2.543,00	2.543,00 KG
	Hot Rolled Pickled,Sheet, 12.00X1500.00X3000.00				
Steel Grade	S355				
Batch	0001243551	Material ID	607718		
900003	13001618	4011200	7.500,00	2.543,00	2.543,00 KG
	Hot Rolled Pickled,Sheet, 12.00X1500.00X3000.00				
Steel Grade	S355				
Batch	0001243549	Material ID	607718		

A01 Tata Steel IJmuiden BV Wenckebachstraat 1 1951 JZ Velsen Noord Postbus 10000 1970 CA IJmuiden The Netherlands Telephone: 0251-492110 Company Trade Register 34040331 E-mail: info.testing@tatasteel.eu.com	A03 Doc nr. 2021042310 00		A04 TATA STEEL
	A02 Inspection certificate 3.1, EN10204.		
	A07, A09 Reference 4500039343 11001477 00020	A08 Order nr. 50382 B	
A06 Customer/Consignee NAANTALI STEEL SERVICE CENTRE OY RAUTAKATU 5 21110 NAANTALI FINLAND	B01,B02,B03,B04,B15 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). Country of Melt and Pour : Netherlands		C70 STEEL MAKING PROCESS: BO
	B09,B10,B11 Dimensions 1500 mm X 6 mm		B13 Total Mass KG 24818
			B08 Total NR. 2
			A10 Transport ANDREA

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

PROD-IDENT: 835134 MASS KG: 12459 NR: 1 CAST NR: S4066 B07,B08,B13

TENSILE TEST C10-29

C01	C01/C02	C10	C03 Temp (°C)	C11 ReH (MPa)	C12 Rm (MPa)	C13 A (%)	C16 ReH/Rm (%)
Bottom Middle	Surface Longitudinal	Prismatical	+20	417	496	29.5	84

IMPACT TEST AND OTHER TESTS C40,C60,C65

C01	C01/C02	C10	C03 Temp °C	B05	C41 mm	C40,C60,C65	C44	C42 ind.	C42 ind.	C42 ind.	C43 mean
Bottom Middle	Surface Longitudinal	Prismatical	-20	0	5.0	ISO-V	J	100	85	113	99

PROD-IDENT: 835133 MASS KG: 12359 NR: 1 CAST NR: S4066 B07,B08,B13

TENSILE TEST C10-29

C01	C01/C02	C10	C03 Temp (°C)	C11 ReH (MPa)	C12 Rm (MPa)	C13 A (%)	C16 ReH/Rm (%)
Bottom Middle	Surface Longitudinal	Prismatical	+20	417	496	29.5	84

IMPACT TEST AND OTHER TESTS C40,C60,C65

C01	C01/C02	C10	C03 Temp °C	B05	C41 mm	C40,C60,C65	C44	C42 ind.	C42 ind.	C42 ind.	C43 mean
Bottom Middle	Surface Longitudinal	Prismatical	-20	0	5.0	ISO-V	J	100	85	113	99

CHEMICAL COMPOSITION in %

B07	CAST NR.	C71 C	C72 Mn	C73 P	C74 S	C75 Si	C76 Al	C77 Cu	C78 Cr	C79 Ni	C80 Mo	C81 Nb
	S4066	0.071	1.026	0.019	0.007	0.010	0.037	0.007	0.019	0.021	0.002	0.022
	CAST NR.	C82 V	C83 N	C84 B	C85 Ti	C86 Sn	C87 Al_ZO	C88 C-eql				
	S4066	0.004	0.0031	0.0000	0.001	0.001	0.035	0.249				

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

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

Tata Steel IJmuiden BV

Jeffrey Flemming
Manager Mechanical Testing
IJmuiden, 12 April 2021

Jeffrey Flemming

Page 1 of 1 Z01,202

TATA STEEL

Inspection certificate 3.1, EN10204.

4500035649

Hot rolled pickled, Coil, S355MC, YMPRESS WG S:01-2010.
 1.00 G/M2/Side oiled.
 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 +0.19/-0.19 mm).
 PRODUCE AND TEST ACCORDING TO EN 10149-2
 Country of melt and pour : The Netherlands.

5500001067 MDA
 11008064
 2021009575 00

56525 A

70387

1500 mm X 10.00 mm

SEINPOST

TENSILE TEST													IMPACT TEST AND OTHER TESTS												
SP.10.011 Dimensions	1500 mm X 10.00 mm		C48-C50-C55										C44-C55												
SP.10.011 Dimensions	SP.10.011 Dimensions	SP.10.011 Dimensions	SP.10.011 Dimensions	SP.10.011 Dimensions	SP.10.011 Dimensions	SP.10.011 Dimensions	SP.10.011 Dimensions	SP.10.011 Dimensions	SP.10.011 Dimensions	SP.10.011 Dimensions	SP.10.011 Dimensions	SP.10.011 Dimensions	SP.10.011 Dimensions	SP.10.011 Dimensions	SP.10.011 Dimensions	SP.10.011 Dimensions	SP.10.011 Dimensions	SP.10.011 Dimensions	SP.10.011 Dimensions	SP.10.011 Dimensions	SP.10.011 Dimensions	SP.10.011 Dimensions			
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PROD. IDENT	CAST NR.	NR	R _{0.2} MPa	R _m MPa	A %	R ₄₀₀ MPa	R ₃₀₀ MPa	R ₂₀₀ MPa	R ₁₀₀ MPa	A %	A %	R ₄₀₀ MPa	R ₃₀₀ MPa	R ₂₀₀ MPa	R ₁₀₀ MPa	n-value	n-value	n-value	n-value	n-value	n-value	n-value	n-value	n-value	
6068591	1 R7788	32 1L P	490	399	30.5	399	378	385	385	81	81	81	81	81	81	81	81	81	81	81	81	81	81	81	
606882	1 R7794	32 1L P	481	378	30.0	378	378	385	385	79	79	79	79	79	79	79	79	79	79	79	79	79	79	79	
6068801	1 R7799	32 1L P	484	385	30.5	385	385	385	385	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	
TOTAL																									

CHEMICAL COMPOSITION in %													STEELMAKING PROCESS:		Page									
C50 Buigproef/Bend test/Biegevorschub/Test de flexion : good/good/gut/concluant													BO	1	of	1								
SP.10.011 Dimensions	SP.10.011 Dimensions	SP.10.011 Dimensions	SP.10.011 Dimensions	SP.10.011 Dimensions	SP.10.011 Dimensions	SP.10.011 Dimensions	SP.10.011 Dimensions	SP.10.011 Dimensions	SP.10.011 Dimensions	SP.10.011 Dimensions	SP.10.011 Dimensions	SP.10.011 Dimensions	SP.10.011 Dimensions	SP.10.011 Dimensions	SP.10.011 Dimensions	SP.10.011 Dimensions	SP.10.011 Dimensions	SP.10.011 Dimensions	SP.10.011 Dimensions	SP.10.011 Dimensions	SP.10.011 Dimensions	SP.10.011 Dimensions	SP.10.011 Dimensions	SP.10.011 Dimensions
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CAST NR.	PROD. IDENT	C	Mn	P	S	Si	Al	Cu	Cr	Ni	Mo	Nb	V	N	B	C-eq	Al-Z0	Sn	Ti	C-eq1	C-eq2	C-eq3	C-eq4	C-eq5
R7786	078	0.078	0.965	0.12	0.005	0.010	0.032	0.008	0.020	0.017	0.002	0.023	0.003	0.029	0.000	0.029	0.001	0.001	0.001	0.249	0.249	0.249	0.249	0.249
R7794	074	0.074	1.040	0.13	0.006	0.008	0.029	0.008	0.020	0.016	0.005	0.023	0.003	0.030	0.000	0.030	0.001	0.001	0.001	0.252	0.252	0.252	0.252	0.252
R7799	074	0.074	1.018	0.15	0.009	0.009	0.033	0.007	0.031	0.016	0.002	0.023	0.002	0.029	0.001	0.029	0.001	0.001	0.001	0.252	0.252	0.252	0.252	0.252

Stamp of the expert : JEFFREY FLEMING MGR. MECH. TESTING

IJMUIDEN, 25 JANUARI 2021

A01 Tata Steel IJmuiden BV Wenckebachstraat 1 1951 JZ Velsen Noord Postbus 10000 1970 CA IJmuiden The Netherlands Telephone: 0251-492110 Company Trade Register 34040331 E-mail: info.testing@tatasteeleurope.com	A03 Doc nr. 2021014277 00	A04 TATA STEEL
	A02 Inspection certificate 3.1, EN10204.	
A05 Customer/Consignee SERVICE CENTRE MAASTRICHT B.V. A.U. FEIJEN POSTBUS 10.000 1970 CA IJMUIDEN NOORDHOLLAND	A07, A09 Reference 4500035562 NAANTALI 11009846 00030	A08 Order nr. 57493 C
	B01, B02, B03, B04, B15 Hot rolled dry, Coil, S355MC, YMPRESS WG 8:01-2010. 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 +0.22/-0.22 mm). PRODUCE AND TEST ACCORDING TO EN 10149-2 Country of melt and pour: The Netherlands	

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

PROD-IDENT: 2957029 MASS KG: 31640 NR: 1 CAST NR: S0505 B07, B08, B13

TENSILE TEST C10-29

C01	C01/C02	C10	C03 Temp (°C)	C11 Rp0.2 (MPa)	C12 Rm (MPa)	C13 A (%)	C16 Rp0.2/Rm (%)
Bottom Middle	Surface Longitudinal	Prismatical	+20	395	529	27.0	75

IMPACT TEST AND OTHER TESTS C40, C60, C65

C01	C01/C02	C10	C03 Temp °C	B05	C41 mm	C40, C60, C65	C44	C42 ind.	C42 ind.	C42 ind.	C43 measr
Bottom Middle	Surface Longitudinal	Prismatical	-20	0	10.0	ISO-V	J	319	315	335	323

CHEMICAL COMPOSITION in %

B07 CAST NR.	C71 C	C72 Mn	C73 P	C74 S	C75 Si	C76 Al	C77 Cu	C78 Cr	C79 Ni	C80 Mo	C81 Nb
S0505	0.057	1.315	0.013	0.004	0.011	0.040	0.008	0.021	0.018	0.003	0.034
CAST NR.	C82 V	C83 N	C84 B	C85 Ti	C86 Sn	C87 Al_ZO	C88 C-eq1				
S0505	0.002	0.0041	0.0000	0.001	0.001	0.037	0.283				

C-eq1: C + Mn/6 + (Cr + Mo + V)/5 + (Ni + Cu)/15

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

Tata Steel IJmuiden BV

Jeffrey Fleming
Manager Mechanical Testing
IJmuiden, 4 February 2021

Jeffrey Fleming

Page 1 of 1 201.202

A01 Tata Steel IJmuiden BV Wenckebachstraat 1 1951 JZ Velsen Noord Postbus 10000 1970 CA IJmuiden The Netherlands Telephone: 0251-492110 Company Trade Register 34040331 E-mail: info.testing@tatasteeleurope.com	A03 Doc nr. 2021017523 00	A04 TATA STEEL
	A02 Inspection certificate 3.1, EN10204. A07, A09 Reference 4500035578 NAANTALI 11004832 00010	
A06 Customer/Consignee SERVICE CENTRE MAASTRICHT B.V. B.U. FEIJEN POSTBUS 10.000 1970 CA IJMUUDEN NOORDHOLLAND	B01,B02,B03,B04,B15 Hot rolled dry, Coil, S355MC, YMPRESS WG 8.01-2010. 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 +0.24/-0.24 mm). PRODUCE AND TEST ACCORDING TO EN 10149-2 Country of melt and pour: The Netherlands	
	C70 STEEL MAKING PROCESS: BO	
	B09,B10,B11 Dimensions 1500 mm X 16 mm	
	B13 Total Mass KG 32160	B08 Total NR. 1
A11 Dispatch Note 77202		A10 Transport ADRIANA

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

PROD-IDENT: 3017150 MASS KG: 32160 NR: 1 CAST NR: S1199 B07,B08,B13

TENSILE TEST C10-29

C01	C01/C02	C10	C03 Temp (°C)	C11 Rp0.2 (MPa)	C12 Rm (MPa)	C13 A (%)	C16 Rp0.2/Rm (%)
Bottom Middle	Surface Longitudinal	Prismatical	+20	373	509	31.0	73

IMPACT TEST AND OTHER TESTS C40,C60,C65

C01	C01/C02	C10	C03 Temp °C	B05	C41 mm	C40,C60,C65	C44	C42 ind.	C42 ind.	C42 ind.	C43 mean
Bottom Middle	Surface Longitudinal	Prismatical	-20	0	10.0	ISO-V	J	302	326	317	315

CHEMICAL COMPOSITION in %

B07 CAST NR.	C71 C	C72 Mn	C73 P	C74 S	C75 Si	C76 Al	C77 Cu	C78 Cr	C79 Ni	C80 Mo	C81 Nb
S1199	0.062	1.319	0.015	0.006	0.011	0.031	0.007	0.020	0.018	0.002	0.031
CAST NR.	C82 V	C83 N	C84 B	C85 Ti	C86 Sn	C87 Al_ZO	C88 C-eql				
S1199	0.004	.0036	.0000	0.001	0.001	0.030	.289				

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



Purchase Order:
4500041082
Vendor Batch:
3017150

130117440001204795



Purchase Order:
4500041082
Vendor Batch:
3017150

130117440001204794

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

Tata Steel IJmuiden BV

Jeffrey Flemming
Manager Mechanical Testing
IJmuiden, 12 February 2021

Jeffrey Flemming

Page 1 of 1 Z01,Z02

A01 Tata Steel IJmuiden BV Wenckebachstraat 1 1951 JZ Velsen Noord Postbus 10000 1970 CA IJmuiden The Netherlands Telephone: 0251-492110 Company Trade Register 34040331 E-mail: info.testing@tatasteeleurope.com	A03 Doc nr. 2021018873 00	A04 TATA STEEL
	A02 Inspection certificate 3.1, EN10204.	
A06 Customer/Consignee SERVICE CENTRE MAASTRICHT B.V. B.V. FEIJEN POSTBUS 10.000 1970 CA IJMUIDEN NOORDHOLLAND	A07, A09 Reference 4500035562 NAANTALI 11008865 00010	A08 Order nr. 57493 A
	B01,B02,B03,B04,B15 Hot rolled pickled, Coil, 6355MC, YMPRESS WG S:01-2010. 1.00 G/M2/Side oiled. Mill edges. Impact test. Suitable for: Part galvanizing, Cutting into sheet. Tolerance EN 10051 : 2010 (E) (Width tolerance +20/-0 mm) Dev.Tol. (Thickness tolerance +0.21/-0.21 mm). PRODUCE AND TEST ACCORDING TO EN 10149-2 Country of melt and pour: The Netherlands	
	C70 STEEL MAKING PROCESS: BO	B09,B10,B11 Dimensions 1500 mm X 12 mm
	B13 Total Mass KG 62140	B08 Total NR. 2
	A11 Dispatch Note 77227	A10 Transport ADRIANA

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

PROD-IDENT: 607718 MASS KG: 31680 NR: 1 CAST NR: S0757 B07,B08,B13

TENSILE TEST C10-29

C01	C01/C02	C10	C03 Temp (°C)	C11 R _{EH} (MPa)	C12 R _m (MPa)	C13 A (%)	C16 R _m /R _e (%)
Bottom Middle	Surface Longitudinal	Prismatical	+20	382	483	30.5	79

IMPACT TEST AND OTHER TESTS C40,C60,C65

C01	C01/C02	C10	C03 Temp °C	B05	C41 mm	C40,C60,C65	C44	C42 ind.	C42 ind.	C42 ind.	C43 mean
Bottom Middle	Surface Longitudinal	Prismatical	-20	0	10.0	ISO-V	J	282	224	208	238

PROD-IDENT: 607565 MASS KG: 30460 NR: 1 CAST NR: S0092 B07,B08,B13

TENSILE TEST C10-29

C01	C01/C02	C10	C03 Temp (°C)	C11 R _{p0.2} (MPa)	C12 R _m (MPa)	C13 A (%)	C16 R _{p0.2} /R _m (%)
Bottom Middle	Surface Longitudinal	Prismatical	+20	383	484	29.5	79

IMPACT TEST AND OTHER TESTS C40,C60,C65

C01	C01/C02	C10	C03 Temp °C	B05	C41 mm	C40,C60,C65	C44	C42 ind.	C42 ind.	C42 ind.	C43 mean
Bottom Middle	Surface Longitudinal	Prismatical	-20	0	10.0	ISO-V	J	226	235	271	244

CHEMICAL COMPOSITION in %

B07 CAST NR.	C71 C	C72 Mn	C73 P	C74 S	C75 Si	C76 Al	C77 Cu	C78 Cr	C79 Ni	C80 Mo	C81 Nb
S0757	0.068	0.992	0.016	0.007	0.010	0.038	0.007	0.022	0.019	0.002	0.024
S0092	0.074	0.987	0.010	0.004	0.010	0.030	0.007	0.022	0.019	0.002	0.024
CAST NR.	C82 V	C83 N	C84 B	C85 Ti	C86 Sn	C87 Al ₂₀	C88 C-eq1				
S0757	0.003	.0037	.0000	0.001	0.001	0.036	241				
S0092	0.002	.0039	.0000	0.001	0.001	0.028	245				

C-eq1: C + Mn/6 + (Cr + Mo + V)/5 + (Ni + Cu)/15

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

Tata Steel IJmuiden BV

Jeffrey Flemming
Manager Mechanical Testing
IJmuiden, 16 February 2021

Jeffrey Flemming