

## Material Certificate List

Shipping Address		Information	
<b>Ship-to-party</b>	TAMMINIITY OY KETJUTIE 4 27710 KIIYLIÖ FINLAND	<b>Document Number</b>	80515994
		<b>Delivery Date</b>	07.07.2021
		Sales Order Number	157391
		Sales Order Date	09.06.2021
		Purchase Order Number	006695
		Customer Number	201512
<b>Buyer</b>		Mode of Transportation	
<b>Sold to Party</b>	TAMMINIITY OY KETJUTIE 4 27710 KIIYLIÖ FINLAND	Delivery Term	DAP EURA
		Country of Origin	
		Country of Destination	FI
		From/Via	35A1
		Route	R00000
<b>Weight-Volume</b>		Delivery Plant	35A1
<b>Total Gross Weight</b>	14.839,00 KG	Certificate Receiver	myynti@tamminiitty.fi
<b>Total Net Weight</b>	14.839,00 KG		
<b>Total Packages</b>	6		

### Shipping Details

Item	Material Description	Cust. Prod Code	Ordered Quantity	Delivered Quantity	Weight
10	13002042 HRP,SHEET, 6.00X1500.00X3000.00	4010600	5.000,00	0,00	0,00 KG
Steel Grade	YMPRESS S355 MC	Material ID			
Batch					
20	13001616 HRP,SHEET, 8.00X1500.00X3000.00	4010800	5.000,00	0,00	0,00 KG
Steel Grade	S355	Material ID			
Batch					
30	13001617 Hot Rolled Pickled,Sheet, 10.00X1500.00X3000.00	4011000	5.000,00	2.473,00	2.473,00 KG
Steel Grade	S355	Material ID	607365		
Batch	0001256868				
40	13001619 Hot Rolled Dry,Sheet, 15.00X1500.00X3000.00	4511500	2.500,00	2.120,00	2.120,00 KG
Steel Grade	S355	Material ID	3341064		
Batch	0001292359				
900001	13002042 Hot Rolled Pickled,Sheet, 6.00X1500.00X3000.00	4010600	5.000,00	2.580,00	2.580,00 KG

#### Naantali Steel Service Centre Oy

Rautakatu 5, 21110, Naantali, Finland

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Reg. No. 2674812-1

## Material Certificate List

### Information

Document Number 80515994  
 Delivery Date 07.07.2021

Item	Material Description	Cust. Prod Code	Ordered Quantity	Delivered Quantity	Weight
Steel Grade Batch	YMPRESS S355 MC 0001321801	Material ID	6094452		
900002	13002042 Hot Rolled Pickled,Sheet, 6.00X1500.00X3000.00	4010600	5.000,00	2.580,00	2.580,00 KG
Steel Grade Batch	YMPRESS S355 MC 0001321798	Material ID	6094452		
900003	13001616 Hot Rolled Pickled,Sheet, 8.00X1500.00X3000.00	4010800	5.000,00	2.543,00	2.543,00 KG
Steel Grade Batch	S355 0001292550	Material ID	608228		
900004	13001616 Hot Rolled Pickled,Sheet, 8.00X1500.00X3000.00	4010800	5.000,00	2.543,00	2.543,00 KG
Steel Grade Batch	S355 0001292559	Material ID	608228		



<b>A01</b> 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	<b>A03 Doc nr.</b> 2021039621 00		<b>A04</b>  <b>TATA STEEL</b>	
	<b>A02</b> Inspection certificate 3.1, EN10204.			
<b>A06 Customer/Consignee</b> SERVICE CENTRE MAASTRICHT B.V. B.U. FEIJEN POSTBUS 10.000  1970 CA IJMUIDEN NOORDHOLLAND	<b>A07, A09 Reference</b> 4500035630 NAANTALI 11009846  00020	<b>A08 Order nr.</b> 58081 B	<b>C70</b> STEEL MAKING PROCESS: BO  <b>B09,B10,B11 Dimensions</b> 1500 mm X 15 mm	
	<b>B01,B02,B03,B04,B15</b> 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 +0.22/-0.22 mm). PRODUCE AND TEST ACCORDING TO EN 10149-2 Country of Melt and Pour : Netherlands			<b>B13 Total Mass KG</b> 32020
			<b>All Dispatch Note</b> 14860	<b>A10 Transport</b> QUDAJO

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

**PROD-IDENT: 3341064**      **MASS KG: 32020**      **NR: 1**      **CAST NR: S4593**      **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	Surface	Prismatical	+20	380	517	29.0	74
Middle	Longitudinal						

**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	Surface	Prismatical	-20	0	10.0	ISO-V	J	185	220	291	232
Middle	Longitudinal										

**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
S4593	0.063	1.323	0.014	0.006	0.021	0.038	0.028	0.038	0.032	0.004	0.034
CAST NR.	C82 V	C83 N	C84 B	C85 Ti	C86 Sn	C87 Al_ZO	C88 C-eq1				
S4593	0.005	.0042	.0000	0.002	0.002	0.036	.297				

**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, 3 April 2021

*Jeffrey Flemming*

<b>A01</b> 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	<b>A03 Doc nr.</b> 2021070528 00		<b>A04</b>  <b>TATA STEEL</b>
	<b>A02</b> Inspection certificate 3.1, EN10204.		
	<b>A07, A09 Reference</b> 4500038830 11001477 00020	<b>A08 Order nr.</b> 50065 B	
<b>A06 Customer/Consignee</b> NAANTALI STEEL SERVICE CENTRE OY RAUTAKATU 5  21110 NAANTALI FINLAND	<b>B01,B02,B03,B04,B15</b> 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		<b>C70</b> <b>STEEL MAKING PROCESS: BO</b>  <b>B09,B10,B11 Dimensions</b> 1500 mm X 6 mm  <b>B13 Total Mass KG</b> 28080
		<b>B08 Total NR.</b> 2	<b>A11 Dispatch Note</b> 39241
			<b>A10 Transport</b> SPRINTER

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

C50

PROD-IDENT: 6094452      MASS KG: 14320      NR: 1      CAST NR: S4068      B07,B08,B13

**TENSILE TEST**

C10-29

J1	C01/C02	C10	C03 Temp (°C)	C11 ReH (MPa)	C12 Rm (MPa)	C13 A (%)	C16 ReH/Rm (%)
Bottom Middle	Surface Longitudinal	Prismatical	+20	419	503	30.0	83

**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	123	118	131	124

PROD-IDENT: 6094451      MASS KG: 13760      NR: 1      CAST NR: S4068      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	419	503	30.0	83

**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	123	118	131	124

**CHEMICAL COMPOSITION in %**

CAST NR.	C71 C	C72 Mn	C73 P	C74 S	C75 Si	C76 Al	C77 Cu	C78 Cr	C79 Ni	C80 Mo	C81 Nb
S4068	0.072	1.022	0.019	0.006	0.010	0.034	0.008	0.021	0.021	0.003	0.022
CAST NR.	C82 V	C83 N	C84 B	C85 Ti	C86 Sn	C87 Al_ZO	C88 C-eq1				
S4068	0.004	0.0035	0.0000	0.001	0.002	0.033	0.250				

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

*Jeffrey Flemming*

IJmuiden, 19 June 2021

<b>A01</b> <b>Tata Steel IJmuiden BV</b> 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	<b>A03 Doc nr.</b> 2021043934 00		<b>A04</b>  <h1 style="text-align: center;">TATA STEEL</h1>	
	<b>A02</b> Inspection certificate 3.1, EN10204.			
<b>A06 Customer/Consignee</b> SERVICE CENTRE MAASTRICHT B.V. B.U. FEIJEN POSTBUS 10.000 1970 CA IJMUIDEN NOORDHOLLAND	<b>A07, A09 Reference</b> 5500001080 NAANTALI 11008863	<b>A08 Order nr.</b> 57737 A	<b>C70</b> <b>STEEL MAKING PROCESS: BO</b>  <b>B09,B10,B11 Dimensions</b> 1500 mm X 8.00 mm	
	<b>B01,B02,B03,B04,B15</b> Not 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 10033 : 2010 (E) (Width tolerance +20/-0 mm) Dev.Tol. (Thickness tolerance +0.18/-0.18 mm). PRODUCE AND TEST ACCORDING TO EN 10149-2 Country of Melt and Pour : Netherlands			<b>B13 Total Mass KG</b> 31560
			<b>A11 Dispatch Note</b> 17672	<b>A10 Transport</b> DEVIANT

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

PROD-IDENT: 608228      MASS KG: 31560      NR: 1      CAST NR: S2007      B07,B08,B13

**TENSILE TEST** C10-29

C01	C01/C02	C10	C03	C11	C12	C13	C16
			Temp (°C)	ReH (MPa)	Rm (MPa)	A (%)	ReH/Rm (%)
Bottom	Surface	Prismatical	+20	394	487	31.0	81
Middle	Longitudinal						

**IMPACT TEST AND OTHER TESTS** C40,C60,C65

C01	C01/C02	C10	C03	B05	C41	C40,C60,C65	C44	C42	C42	C42	C43
			Temp °C		mm			ind.	ind.	ind.	mean
Bottom	Surface	Prismatical	-20	0	5.1	ISO-V	J	108	110	112	110
Middle	Longitudinal										

**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
	S2007		0.069		0.999		0.014		0.006		0.007		0.033		0.007		0.021		0.017		0.002		0.023
	CAST NR.	C82	V	C83	N	C84	B	C85	Ti	C86	Sn	C87	Al <sub>2O</sub>	C88	C-eq1								
	S2007		0.002		0.0021		0.0000		0.001		0.001		0.032		0.242								

C-eq1: C + Mn/5 + (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, 15 April 2021

*Jeffrey Flemming*

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