

Material Certificate List

Shipping Address		Information	
Ship-to-party	TAMMINIITY OY KETJUTIE 4 27710 KÄYLI FINLAND	Document Number	80515995
		Delivery Date	07.07.2021
		Sales Order Number	157904
		Sales Order Date	11.06.2021
		Purchase Order Number	006705
		Customer Number	201512
Buyer		Mode of Transportation	
Sold to Party	TAMMINIITY OY KETJUTIE 4 27710 KÄYLI FINLAND	Delivery Term	DAP EURA
		Country of Origin	
		Country of Destination	FI
		From/Via	35A1
		Route	R00000
Weight-Volume			
Total Gross Weight	10.203,00 KG	Delivery Plant	35A1
Total Net Weight	10.203,00 KG	Certificate Receiver	myynti@tamminiity.fi
Total Packages	4		

Shipping Details

Item	Material Description	Cust. Prod Code	Ordered Quantity	Delivered Quantity	Weight
10	13002041 Hot Rolled Pickled,Sheet, 5.00X1500.00X3000.00	4010500	2.500,00	2.500,00	2.500,00 KG
Steel Grade	YMPRESS S355 MC				
Batch	0001310080	Material ID	852825		
20	13002042 HRP,SHEET, 6.00X1500.00X3000.00	4010600	5.000,00	0,00	0,00 KG
Steel Grade	YMPRESS S355 MC				
Batch		Material ID			
30	13001616 Hot Rolled Pickled,Sheet, 8.00X1500.00X3000.00	4010800	2.500,00	2.543,00	2.543,00 KG
Steel Grade	S355				
Batch	0001292555	Material ID	608228		
900001	13002042 Hot Rolled Pickled,Sheet, 6.00X1500.00X3000.00	4010600	5.000,00	2.580,00	2.580,00 KG
Steel Grade	YMPRESS S355 MC				
Batch	0001321803	Material ID	6094452		
900002	13002042 Hot Rolled Pickled,Sheet,	4010600	5.000,00	2.580,00	2.580,00 KG

Naantali Steel Service Centre Oy

Rautakatu 5, 21110, Naantali, Finland

T: +358 (0)10 28 76 901, naantalissc@tatasteelurope.com

Reg. No. 2674812-1

05.07.2021 06:55:58

Material Certificate List

Information

Document Number 80515995
Delivery Date 07.07.2021

Item	Material Description	Cust. Prod Code	Ordered Quantity	Delivered Quantity	Weight
Steel Grade	6.00X1500.00X3000.00				
Batch	YMPRESS S355 MC				
	0001321802	Material ID	6094452		

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. 2021065150 00		A04 TATA STEEL
	A02 Inspection certificate 3.1, EN10204.		
	A07, A09 Reference 4500042292 11001475 00010	A08 Order nr. 52430 A	
	B01,B02,B03,B04,B15 Hot rolled pickled, Coil, S355MC, YMPRESS WG S:01-2010. 1.00 G/M2/side oiled. Mill edges. Tolerance EN 10051 : 2010 (E) (Width tolerance +20/-0 mm) Dev.Tol. (Thickness tolerance +0.15/-0.15 mm). Country of Melt and Pour : Netherlands		C70 STEEL MAKING PROCESS: BO B09,B10,B11 Dimensions 1500 mm X 5 mm B13 Total Mass KG 29394 B08 Total NR. 2 A11 Dispatch Note 34864 A10 Transport ELKE W
A06 Customer/Consignee NAANTALI STEEL SERVICE CENTRE OY RAUTAKATU 5 21110 NAANTALI FINLAND			

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

PROD-IDENT: 852825		MASS KG: 14567		NR: 1		CAST NR: S7922		B07,B08,B13	
TENSILE TEST									
C10-29									
C01	C01/C02	C10	C03	C11	C12	C13	C16		
Bottom Middle	Surface Longitudinal	Prismatical	Temp (°C)	ReH (MPa)	Rm (MPa)	A (%)	Rel/Rm (%)		
			+20	398	478	33.5	83		

PROD-IDENT: 852824		MASS KG: 14827		NR: 1		CAST NR: S7922		B07,B08,B13	
TENSILE TEST									
C10-29									
C01	C01/C02	C10	C03	C11	C12	C13	C16		
Bottom Middle	Surface Longitudinal	Prismatical	Temp (°C)	ReH (MPa)	Rm (MPa)	A (%)	Rel/Rm (%)		
			+20	398	478	33.5	83		

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
S7922	0.075	0.507	0.011	0.007	0.010	0.031	0.027	0.034	0.033	0.004	0.026
CAST NR.	C82 V	C83 N	C84 B	C85 Ti	C86 Sn	C87 Al_ZO	C88 C-eq1				
S7922	0.003	0.0022	0.0000	0.001	0.002	0.030	0.172				
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, 7 June 2021

Jeffrey Flemming

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. 2021043934 00		A04 TATA STEEL
	A02 Inspection certificate 3.1, EN10204		
	A07, A09 Reference 5500001080 NAANTALI 11008863 5500001080/00010	A08 Order nr. 57737 A	
A06 Customer/Consignee SERVICE CENTRE MAASTRICHT B.V. B.U. FEIJEN POSTBUS 10.000 1970 CA IJMUIDEN NOORDHOLLAND	B01,B02,B03,B04,B15 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 10081 : 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		C70 STEEL MAKING PROCESS: BO
	B09,B10,B11 Dimensions 1500 mm X 8.00 mm		
	B13 Total Mass KG 31560	B08 Total NR. 1	
	A11 Dispatch Note 17672	A10 Transport 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 Temp (°C)	C11 ReH (MPa)	C12 Rm (MPa)	C13 A (%)	C16 Rm/Ra (%)
Bottom Middle	Surface Longitudinal	Prismatical	+20	394	487	31.0	81

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	5.1	ISO-V	J	108	110	112	110

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_ZO	C88 C-eq1				
S2007	0.002	0.0021	0.0000	0.001	0.001	0.032	0.242				

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, 15 April 2021

Jeffrey Flemming

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. 2021070528 00		A04 TATA STEEL
	A02 Inspection certificate 3.1, EN10204.		
	A07, A09 Reference 4500038830 11001477 00020	A08 Order nr. 50065 B	
	B01,B02,B03,B04,B15 Hot rolled pickled, Coil, S355MC, YMPRESS WG S:01-2010. 1.00 G/M2/Slide 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		
A06 Customer/Consignee NAANTALI STEEL SERVICE CENTRE OY RAUTAKATU 5 21110 NAANTALI FINLAND			C70 STEEL MAKING PROCESS: BO
			B09,B10,B11 Dimensions 1500 mm X 6 mm
			B13 Total Mass KG 28080
			B08 Total NR. 2
			A11 Dispatch Note 39241
			A10 Transport 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	Surface	Prismatical	+20	419	503	30.0	83					
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	5.0	ISO-V	J	123	118	131	124
Middle	Longitudinal										

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	Surface	Prismatical	+20	419	503	30.0	83					
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	5.0	ISO-V	J	123	118	131	124
Middle	Longitudinal										

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_20	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
IJmuiden, 19 June 2021

Jeffrey Flemming