

Material Certificate List

Shipping Address		Information	
Ship-to-party	TAMMINIITTY OY KETJUTIE 4 27710 KÖYLIÖ FINLAND	Document Number	80467751
		Delivery Date	20.04.2021
		Sales Order Number	149876
		Sales Order Date	16.04.2021
		Purchase Order Number	006466
		Customer Number	201512
Buyer		Mode of Transportation	
Sold to Party	TAMMINIITTY OY KETJUTIE 4 27710 KÖYLIÖ FINLAND	Delivery Term	DAP EURA
		Country of Origin	
		Country of Destination	FI
		From/Via	35A1
		Route	R00000
Weight-Volume		Delivery Plant	35A1
Total Gross Weight	23.039,00 KG	Certificate Receiver	myynti@tamminiitty.fi
Total Net Weight	23.039,00 KG		
Total Packages	10		

Shipping Details

Item	Material Description	Cust. Prod Code	Ordered Quantity	Delivered Quantity	Weight
10	13002041 Hot Rolled Pickled, Sheet, 5.00X1500.00X3000.00		2.500,00	2.515,00	2.515,00 KG
Steel Grade	YMPRESS S355 MC				
Batch	0001170450	Material ID	810444		
20	13002042 Hot Rolled Pickled, Sheet, 6.00X1500.00X3000.00		2.560,00	2.580,00	2.580,00 KG
Steel Grade	YMPRESS S355 MC				
Batch	0001141270	Material ID	814854		
30	13001616 HRP, SHEET, 8.00X1500.00X3000.00		15.000,00	0,00	0,00 KG
Steel Grade	S355				
Batch		Material ID			
40	13001619 Hot Rolled Dry, Sheet, 15.00X1500.00X3000.00		2.120,00	2.120,00	2.120,00 KG
Steel Grade	S355				
Batch	0001175126	Material ID	2957030		
900001	13001616 Hot Rolled Pickled, Sheet,		15.000,00	1.978,00	1.978,00 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

16.04.2021 09:27:04

Material Certificate List

Information

Document Number	80467751
Delivery Date	20.04.2021

Item	Material Description	Cust. Prod Code	Ordered Quantity	Delivered Quantity	Weight
Steel Grade Batch	8.00X1500.00X3000.00 S355 0001191652	Material ID	6068531		
900002	13001616 Hot Rolled Pickled,Sheet, 8.00X1500.00X3000.00		15.000,00	1.978,00	1.978,00 KG
Steel Grade Batch	S355 0001191655	Material ID	606855		
900003	13001616 Hot Rolled Pickled,Sheet, 8.00X1500.00X3000.00		15.000,00	2.543,00	2.543,00 KG
Steel Grade Batch	S355 0001191658	Material ID	606855		
900004	13001616 Hot Rolled Pickled,Sheet, 8.00X1500.00X3000.00		15.000,00	2.543,00	2.543,00 KG
Steel Grade Batch	S355 0001191660	Material ID	606852		
900005	13001616 Hot Rolled Pickled,Sheet, 8.00X1500.00X3000.00		15.000,00	2.543,00	2.543,00 KG
Steel Grade Batch	S355 0001191662	Material ID	606852		
900006	13001616 Hot Rolled Pickled,Sheet, 8.00X1500.00X3000.00		15.000,00	1.978,00	1.978,00 KG
Steel Grade Batch	S355 0001208842	Material ID	606852		
900007	13001616 Hot Rolled Pickled,Sheet, 8.00X1500.00X3000.00		15.000,00	2.261,00	2.261,00 KG
Steel Grade Batch	S355 0001208845	Material ID	607359		

A01 Tata Steel IJmuiden BV
 Henckebroekstraat 1
 1951 JZ Velsen Noord
 Postbus 10000
 1970 CA IJmuiden The Netherlands
 Telephone: 0251-092110
 Company Trade Register 54940551
 E-mail: info.test@tatasteel-europe.com

A07-A09 Reference
 4500033431
 110001675

A08 Dec. nr
 2021000205 00

A10 Customer/consignee
 NAANTALI STEEL SERVICE CENTRE OY
 RAUTAKATU 5
 21110 NAANTALI
 FINLAND

A12 Inspection certificate 3.1, EN10204.
 00010

A13 E-mail: info.test@tatasteel-europe.com
 B01.B02.B05.B04.B15

A14 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 : The Netherlands.

A18 Order nr.
 56442 A

A19 Dispatch note
 65834

A20 All Dispatch note
 OSTBORG

A21 All Dispatch note
 65834

A22 Inspection certificate 3.1, EN10204.

TATA STEEL

B09 B10-B11 Dimensions
 1500 mm X 5 mm C10-C29

B15 PROD. IDENT	B16 MASS kg	B17 NR	B18 CAST NR.	TENSILE TEST										IMPACT TEST AND OTHER TESTS																											
				B07	C01/C02	C03	C04	C05	C06	C07	C08	C09	C10	C11	C12	C13	C14	C15	C16	C17	C18	C19	C20	C21	C22	C23	C24	C25	C26	C27	C28	C29									
810414	10101	1	R8688	32	1L	P							20	383																											
810415A	9971	1	"																																						
810415B	9071	1	"																																						
810418	10341	1	"	32	1L	P							20	395																											
810419	10321	1	"																																						
810420	10191	1	"																																						
810368	10331	1	R8690	32	1L	P							20	389																											
810369	10331	1	"																																						
810370	10101	1	"																																						
810443	10131	1	R8700	32	1L	P							20	395																											
SUBTOTAL	100890	10																																							

B71-C92

B87 CAST NR.	B88 PROD. IDENT	CHEMICAL COMPOSITION in %																					STEELMAKING PROCESS:																											
		C	Mn	P	S	Si	Al	Cu	Cr	Ni	Mo	Nb	V	N	B	C-eq	Al-Z0	Sn	Ti	C-eq1	C01	C02	C03	C04	C05	C06	C07	C08	C09	C10																				
R8688		-075	0.489	-015	-005	0.007	0.029	-007	0.024	0.021	-001	-024	.003	.0033	.0000	.0000	0.028	.002	.001	.164																														
R8690		-076	0.499	-015	-005	0.010	0.040	-006	0.025	0.021	-002	-027	.003	.0031	.0000	.0000	0.039	.001	.001	.167																														
R8700		-069	0.484	-014	-007	0.011	0.037	-007	0.019	0.020	-001	-026	.003	.0033	.0000	.0000	0.035	.001	.001	.156																														

B90 Buigproef/Bend test/Biegeversuch/Test de flexion : goed/good/gut/concluant

B91 Stamp of the expert :

B92 Tata Steel IJmuiden BV

B93 We hereby confirm that we comply to the terms of our order
 acknowledgement and any agreed concessions
 01M0675E

B94 JEFFREY FLEMING
 MGR. MECH. TESTING

B95 IJMUIDEN, 2 JANUARI 2021

ASB Doc. nr
2021000205 00
A08 Order nr.
56442 A

Inspection certificate 3.1, EN10204.

Tata Steel IJmuiden BV
Menebachstraat 1
1951 JZ Veisen Noord
Postbus 10000
1970 CA IJmuiden The Netherlands
Telephone: 8251-492110
Company Trade Register 54848551
E-mail: info_testing@tatasteel.europa.com
809.810.811 Dimensions

TENSILE TEST		IMPACT TEST AND OTHER TESTS																			
C19-C29		C40-C49, C65																			
150 mm X 5 mm																					
B15	B07	B08	B07	C01	C01/C02	B05	C05	C05	C40	C40/C41	C41	C42	C42	C42	C43	C43	C45	C45	C45		
PROD. IDENT	MASS kg	NR	CAST NR.	R _{0.2} MPa	R _{0.2} MPa	R _{0.2} MPa	R _m MPa	A %	A %	R _{0.2} MPa	r _m value	n ⁻ value	HARDNESS	Temp °C	ind. ind.	ind. ind.	ind. ind.	mean	ASTM E-112		
810444	10111	1	R8700	473	34.0	395	473	34.0	84												
810445	9861	1	"																		
TOTAL																					

CHEMICAL COMPOSITION in %																					
C50 Buigproef/Bend test/Biegeversuch/Test de flexion : goed/good/gut/concluant																					
B07	B07	C71	C72	C73	C74	C75	C76	C77	C78	C79	C80	C81	C82	C83	C84	C85	C86	C87	C88	C89	
CAST NR.	PROD. IDENT	C	Mn	P	S	Si	Al	Cu	Cr	Ni	Mo	Nb	V	N	B	C-eq	Al-ZO	Sn	Ti	C-eq1	
R8700		.069	0.484	.014	.007	0.011	0.037	.007	0.019	0.020	.001	.026	.003	.0033	.0000	0.035	.001	.001	.001	.15	

Stamp of the expert :
Tata Steel IJmuiden BV
JEFFREY FLEMING
MGR. MECH. TESTING
IJMUIDEN, 2 JANUARI 2021
Page 2 of 2

TATA STEEL

141 Tata Steel IJmuiden BV
 Henekebachstraat 1
 Postbus 1808
 1770 CA IJmuiden The Netherlands
 Telephone: +31-221-49110
 E-mail: info-testing@tatasteel.com
 142 Inspection certificate 3.1, EN10204.
 00040
 143
 801.882.885.884.815
 144
 Hot rolled dry, Coil, S355MC, YMPRESS MG 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 : The Netherlands.
 145
 SERVICE CENTRE MAASTRICHT B.V.
 B.U. FEIJEN
 POSTBUS 10.000
 1970 CA IJMUIDEN
 NOORDHOLLAND
 146 Order no. 57493 D
 147 Dispatch note 71983
 148 Transport C EST LA VIE

149 Prod. - IDENT		150 mm X 15 mm		151 TENSILE TEST											152 HARDNESS						153 IMPACT TEST AND OTHER TESTS											
154	155	156	157	158	159	160	161	162	163	164	165	166	167	168	169	170	171	172	173	174	175	176	177	178	179	180	181	182	183	184	185	
PROD. - IDENT	MASS kg	NR	CAST NR.	150 mm X 15 mm	Temp °C	R _{eH} MPa	R _{eL} MPa	R _{p0.2} MPa	R _{p0.01} MPa	R _p /R _m %	r _m value	n _m value	A %	A %	R _m MPa	151	152	153	154	155	156	157	158	159	160	161	162	163	164	165	166	
2957030	31960	1	S0505	32 1L P	+ 20			412	530	28.5	78				IL P	O	10.0	ISO-V														
TOTAL	31960	1																														

187 CHEMICAL COMPOSITION in %															
187	188	189	190	191	192	193	194	195	196	197	198	199	200	201	202
CAST NR.	C	Mn	P	S	Si	Al	Cu	Cr	Ni	Mo	Mb	Al-Zn	C-eq1	Ti	Sn
S0505	.057	1.315	.013	.006	0.011	0.040	.006	0.021	0.018	.003	.036	0.037	.001	.001	.001

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Stamp of the expert :
 Tata Steel IJmuiden BV
 JEFFREY FLEMING
 MGR. MECH. TESTING
 Jeffrey Fleming
 IJMUIDEN, 23 JANUARI 2021

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

