

Material Certificate List

Shipping Address

Ship-to-party
TAMMINIITY OY
KOKEMOENTIE 41
27710 KITYLI
FINLAND

Buyer

Sold to Party
TAMMINIITY OY
KETJUTIE 4
27710 KITYLI
FINLAND

Weight-Volume

Total Gross Weight 2.543,00 KG

Total Net Weight 2.543,00 KG

Total Packages 1

Information

Document Number 80515996
Delivery Date 07.07.2021
Sales Order Number 157909
Sales Order Date 11.06.2021
Purchase Order Number 006706
Customer Number 201512
Mode of Transportation
Delivery Term DAP
 KITYLI
Country of Origin
Country of Destination FI
From/Via 35A1
Route R00000
Delivery Plant 35A1
Certificate Receiver myynti@tamminiity.fi

Shipping Details

Item	Material Description	Cust. Prod Code	Ordered Quantity	Delivered Quantity	Weight
10	13001618 HRP,SHEET, 12.00X1500.00X3000.00	4011200	10.000,00	0,00	0,00 KG
Steel Grade	S355				
Batch		Material ID			
900001	13001618 Hot Rolled Pickled,Sheet, 12.00X1500.00X3000.00	4011200	10.000,00	2.543,00	2.543,00 KG
Steel Grade	S355				
Batch	0001292691	Material ID	608841		

Naantali Steel Service Centre Oy

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Reg. No. 2674812-1

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@tatasteeleuropa.com	A03 Doc nr. 2021049406 00	A04 <h1 style="text-align: center;">TATA STEEL</h1>
	A02 Inspection certificate 3.1, EN10204.	
A06 Customer/Consignee SERVICE CENTRE MAASTRICHT B.V. B.U. FEIJEN POSTBUS 10.000 1970 CA IJMUIDEN NOORDHOLLAND	A07, A09 Reference 4500035630 NAANTALI 11008865 00010	A08 Order nr. 58081 A
	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. Suitable for: Part galvanising, Cutting into sheet. Tolerance EN 10051 : 2010 (B) (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 : Netherlands	
		C70 STEEL MAKING PROCESS: BO
		B09,B10,B11 Dimensions 1500 mm X 12 mm
		B13 Total Mass KG 62920
		B08 Total NR. 2
		A11 Dispatch Note 20296
		A10 Transport VLETJE

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

PROD-IDENT: 608842 MASS KG: 31520 NR: 1 CAST NR: S4071

B07,B08,B13 C10-29

TENSILE TEST		C10	C03	C11	C12	C13	C16
C01	C01/C02	Temp (°C)	Rp0.2 (MPa)	Rm (MPa)	A (%)	Rp0.2/Rm (%)	
Bottom	Surface	+20	395	504	27.5	78	
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	Temp °C		mm			ind.	ind.	ind.	mean
Bottom	Surface	-20	-20	0	10.0	ISO-V	J	319	315	292	309
Middle	Longitudinal										

PROD-IDENT: 608841 MASS KG: 31400 NR: 1 CAST NR: S4073

B07,B08,B13 C10-29

TENSILE TEST		C10	C03	C11	C12	C13	C16
C01	C01/C02	Temp (°C)	Temp (°C)	Rp0.2 (MPa)	Rm (MPa)	A (%)	Rp0.2/Rm (%)
Bottom	Surface	+20	+20	382	497	28.0	77
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	Temp °C		mm			ind.	ind.	ind.	mean
Bottom	Surface	-20	-20	0	10.0	ISO-V	J	196	266	290	251
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
S4071	0.075	1.022	0.015	0.006	0.009	0.035	0.020	0.029	0.027	0.004	0.022
S4073	0.078	1.002	0.017	0.005	0.012	0.027	0.015	0.027	0.024	0.003	0.023
CAST NR.	C82 V	C83 N	C84 B	C85 Ti	C86 Sn	C87 Al ₂₀	C88 C-eql				
S4071	0.003	.0030	.0001	0.001	0.003	0.033	.256				
S4073	0.005	.0027	.0000	0.001	0.002	0.026	.255				

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, 29 April 2021

Jeffrey Flemming