

## Material Certificate List

Shipping Address		Information	
<b>Ship-to-party</b>	TAMMINIITY OY KOKEMOENTIE 41 27710 KYYLI FINLAND	<b>Document Number</b>	<b>80516024</b>
		<b>Delivery Date</b>	<b>07.07.2021</b>
		Sales Order Number	157909
		Sales Order Date	11.06.2021
		Purchase Order Number	006706
		Customer Number	201512
<b>Buyer</b>		Mode of Transportation	
<b>Sold to Party</b>	TAMMINIITY OY KETJUTIE 4 27710 KYYLI FINLAND	Delivery Term	DAP KYYLI
		Country of Origin	
		Country of Destination	FI
		From/Via	35A1
		Route	R00000
<b>Weight-Volume</b>		Delivery Plant	35A1
<b>Total Gross Weight</b>	7.629,00 KG	Certificate Receiver	myynti@tamminiitty.fi
<b>Total Net Weight</b>	7.629,00 KG		
<b>Total Packages</b>	3		

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	0001328646	Material ID	607716		
900002	13001618 Hot Rolled Pickled,Sheet, 12.00X1500.00X3000.00	4011200	10.000,00	2.543,00	2.543,00 KG
Steel Grade	S355				
Batch	0001328657	Material ID	607716		
900003	13001618 Hot Rolled Pickled,Sheet, 12.00X1500.00X3000.00	4011200	10.000,00	2.543,00	2.543,00 KG
Steel Grade	S355				
Batch	0001328643	Material ID	607716		

<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@tatasteel.europa.com	<b>A03 Doc nr.</b> 2021024846 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> 4500035562 NAANTALI 11008865  00020	<b>A08 Order nr.</b> 57493 B
	<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 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	
		<b>C70</b> <b>STEEL MAKING PROCESS: BO</b>
		<b>B09,B10,B11 Dimensions</b> 1500 mm X 12 mm
		<b>B13 Total Mass KG</b> 63600
		<b>B08 Total NR.</b> 2
		<b>A11 Dispatch Note</b> 83870
		<b>A10 Transport</b> ROSALIE

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

PROD-IDENT: 607719      MASS KG: 31800      NR: 1      CAST NR: S0753      B07,B08,B13

**TENSILE TEST** C10-29

C01	C01/C02	C10	C03 Temp (°C)	C11 Rp0.2 (MPa)	C12 Ra (MPa)	C13 A (%)	C16 Rp0.2/Ra (%)
Bottom Middle	Surface Longitudinal	Prismatical	+20	374	480	30.5	78

**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	299	217	175	230

PROD-IDENT: 607716      MASS KG: 31800      NR: 1      CAST NR: S0763      B07,B08,B13

**TENSILE TEST** C10-29

C01	C01/C02	C10	C03 Temp (°C)	C11 Rp0.2 (MPa)	C12 Ra (MPa)	C13 A (%)	C16 Rp0.2/Ra (%)
Bottom Middle	Surface Longitudinal	Prismatical	+20	363	472	31.0	77

**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	291	310	312	304

**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
	S0753	0.072	0.953	0.012	0.004	0.006	0.029	0.008	0.016	0.020	0.002	0.023
	S0763	0.076	1.017	0.015	0.006	0.010	0.036	0.007	0.021	0.019	0.002	0.024
	CAST NR.	C82 V	C83 N	C84 B	C85 Ti	C86 Sn	C87 Al_20	C88 C-eql				
	S0753	0.003	0.0035	0.0001	0.001	0.001	0.028	237				
	S0763	0.003	0.0036	0.0001	0.001	0.001	0.034	252				

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 Fleming  
Manager Mechanical Testing  
IJmuiden, 1 March 2021

*Jeffrey Fleming*

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