

## Material Certificate List

Shipping Address		Information	
<b>Ship-to-party</b>	TAMMINIITY OY KETJUTIE 4 27710 KIIYLI FINLAND	<b>Document Number</b>	<b>80470132</b>
		<b>Delivery Date</b>	<b>22.04.2021</b>
		Sales Order Number	150427
		Sales Order Date	20.04.2021
		Purchase Order Number	006488
		Customer Number	201512
<b>Buyer</b>		Mode of Transportation	
<b>Sold to Party</b>	TAMMINIITY OY KETJUTIE 4 27710 KIIYLI 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>	7.720,00 KG	Certificate Receiver	myynti@tamminiity.fi
<b>Total Net Weight</b>	7.720,00 KG		
<b>Total Packages</b>	3		

Shipping Details					
Item	Material Description	Cust. Prod Code	Ordered Quantity	Delivered Quantity	Weight
10	13002039 HRP,SHEET, 3.00X1500.00X3000.00	4010300	5.200,00	0,00	0,00 KG
Steel Grade	YMPRESS S355 MC				
Batch		Material ID			
20	13002042 Hot Rolled Pickled,Sheet, 6.00X1500.00X3000.00	4010600	2.600,00	2.580,00	2.580,00 KG
Steel Grade	YMPRESS S355 MC				
Batch	0001221037	Material ID	824682		
900001	13002039 Hot Rolled Pickled,Sheet, 3.00X1500.00X3000.00	4010300	5.200,00	2.570,00	2.570,00 KG
Steel Grade	YMPRESS S355 MC				
Batch	0001140514	Material ID	810293		
900002	13002039 Hot Rolled Pickled,Sheet, 3.00X1500.00X3000.00	4010300	5.200,00	2.570,00	2.570,00 KG
Steel Grade	YMPRESS S355 MC				
Batch	0001161846	Material ID	815587		

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@tatasteel.eu.com	A03 Doc nr. 2021027663 00	A04 <b>TATA STEEL</b>
	A02 Inspection certificate 3.1, EN10204, A07, A09 Reference 4500035855 11001477 00040 A08 Order nr. 57614 D	
A06 Customer/Consignee NAANTALI STEEL SERVICE CENTRE OY RAUTAKATU 5  21110 NAANTALI FINLAND	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: Tolerance EN 10051 : 2010 (E) (Width tolerance +20/-0 mm) Dev.Tol. (Thickness tolerance +0.15/-0.16 mm). Country of melt and pour: The Netherlands	C70 STEEL MAKING PROCESS: BO B09,B10,B11 Dimensions 1500 mm X 6 mm B13 Total Mass KG 29604 B08 Total NR. 2 A11 Dispatch Note 85051 A10 Transport LINDEBERG

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

PROD-IDENT: 824682      MASS KG: 14667      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 ReH/Rm (%)
Bottom Middle	Surface Longitudinal	Prismatical	+20	401	478	29.5	84

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	101	108	112	107

PROD-IDENT: 824681      MASS KG: 14937      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 ReH/Rm (%)
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Bottom Middle	Surface Longitudinal	Prismatical	-20	0	5.0	ISO-V	J	101	108	112	107

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-eql				
S2007	0.002	0.0021	0.0000	0.001	0.001	0.032	0.242				

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, 6 March 2021

*Jeffrey Flemming*



