

Material Certificate List

Shipping Address		Information	
Ship-to-party	TAMMINIITY OY KETJUTIE 4 27710 KÖYLIÖ FINLAND	Document Number	80434821
		Delivery Date	23.02.2021
		Sales Order Number	141171
		Sales Order Date	19.02.2021
		Purchase Order Number	006239
		Customer Number	201512
Buyer		Mode of Transportation	
Sold to Party	TAMMINIITY OY KETJUTIE 4 27710 KÖYLIÖ FINLAND	Delivery Term	DAP EURA
		Country of Origin	FI
		Country of Destination	FI
		From/Via	35A1
		Route	R00000
Weight-Volume		Delivery Plant	35A1
Total Gross Weight	2.500,00 KG	Certificate Receiver	myynti@tamminiitty.fi
Total Net Weight	2.500,00 KG		
Total Packages	1		

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	0001105804	Material ID	806231		

TATA STEEL

Inspection certificate 3.1, EN10204.

00010

Hot rolled pickled, Coil, S355MC, YMPRESS WG S:01-2010.
1.00 G/MZ/Side oiled.
Mill edges.
Tolerance EN 10051 : 2010 (E) (Width tolerance +20/-0 mm) Dev.Tol. (Thickness tolerance +0.15/-0.15 mm).
PRODUCE AND TEST ACCORDING TO EN 10149-2
Country of melt and pour : The Netherlands.

NAANTALI STEEL SERVICE CENTRE OY
RAUTAKATU 5
21110 NAANTALI
FINLAND

AB1
Tata Steel IJmuiden BV
Henckebachstraat 1
1951 JZ Velsen Noord
Postbus 10080
1970 CA IJmuiden The Netherlands
Telephone: 0251-492110
Company Trade Register 34040351
E-mail: info.testing@tatasteel-europe.com

AB2
Reference
4500031885
11001475

AB3
Doc. nr
2021000199 00

AB4
Customer/Consignee

AB5
Order nr.
54701 A

AB6
Dispatch note
65834

AB7
Transport
OSTBORG

809-810-811 Dimensions		TENSILE TEST										IMPACT TEST AND OTHER TESTS									
1500 mm X 5 mm		C10-C29										C40-C60, C65									
807 PROD. IDENT	808 MASS kg	807 NR	807 CAST NR.	808 Temp °C	811 ReH MPa	811 ReL MPa	811 R _{p0.2} MPa	812 R _m MPa	815 A %	815 A %	816 R _{eH} /R _m %	817 r- value	818 n- value	852 HARDNESS	840-860, C65	841 mm	842 ind. ind. mean	842 ind. ind. mean	843 ASTM E-112		
806330	10560	1	R6243	+ 20	397			475	34.0		84										
806331	10481	1	"	+ 20	396			476	34.5		83										
806230	10550	1	"	+ 20	396			476	34.5		83										
806231	10540	1	"	+ 20	396			476	34.0		83										
806232	10131	1	"	+ 20	396			476	34.0		83										
806674	10700	1	R6246	+ 20	396			476	34.0		83										
TOTAL																					

C71-C92															C64														
CHEMICAL COMPOSITION in %															4: Contraction (%) 5: Shear area (%)														
807 CAST NR.	807 PROD. IDENT	871 C	872 Mn	873 P	874 S	875 Si	876 Al	877 Cu	878 Cr	879 Ni	880 Mo	881 Nb	882 V	883 N	884 B	885 C-eq	886 Al-ZO	887 Sn	888 Ti	889 C-eq1	844 1: J/cm ² 2: J/cm ² 3: Later. exp. (mm)	845 1: Top 2: Edge 3: Middle 4: Bottom	846 1: Longitudinal 2: Transverse 3: Surface 4: Surface 90° in Diagonal dir	847 P-prismatic C-cylindrical					
R8243		0.070	0.521	0.017	0.007	0.010	0.035	0.007	0.022	0.019	0.002	0.026	0.003	0.0034	0.0000	0.034	0.001	0.001	0.001	0.164									
R8246		0.072	0.520	0.014	0.006	0.014	0.031	0.007	0.023	0.020	0.002	0.026	0.002	0.0025	0.0001	0.031	0.001	0.002	0.002	0.166									

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

Stamp of the expert :

Tata Steel IJmuiden BV

JEFFREY FLEMING
MGR. MECH. TESTING

Jeffrey Fleming

IJMUIDEN, 2 JANUARI 2021

STEELMAKING PROCESS: BO Page 1 of 1

Z01 We hereby confirm that we comply to the terms of our order
acknowledgement and any agreed concessions

01M49715