

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@tatasteeleurope.com	A03 Doc nr. 2022061512 00		A04 TATA STEEL
	A02 Inspection certificate 3.1, EN10204.		
	A07, A09 Reference 4500062646 11001464 00010	A08 Order nr. 56204 A	
	B01,B02,B03,B04,B15 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 +0.13/-0.13 mm). PRODUCE AND TEST ACCORDING TO EN 10149-2 Country of Melt and Pour : Netherlands		
A06 Customer/Consignee NAANTALI STEEL SERVICE CENTRE OY RAUTAKATU 5 21110 NAANTALI FINLAND			C70 STEEL MAKING PROCESS: BO
			B09,B10,B11 Dimensions 1500 mm X 3.00 mm
	B13 Total Mass KG 81767	B08 Total NR. 7	
	A11 Dispatch Note 61841	A10 Transport NORDBORG	

Buigproef/Bend test/Biegeversuch/Test de flexion : 'goed/good/gut/concluant'	C50
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PROD-IDENT: 752093	MASS KG: 11500	NR: 1	CAST NR: Z7178	B07,B08,B13
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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	413	495	33.5	83	

PROD-IDENT: 752092	MASS KG: 11480	NR: 1	CAST NR: Z7178	B07,B08,B13
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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	413	495	33.5	83	

PROD-IDENT: 751429	MASS KG: 14737	NR: 1	CAST NR: Z7314	B07,B08,B13
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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	396	486	35.0	81	

PROD-IDENT: 751428	MASS KG: 14807	NR: 1	CAST NR: Z7314	B07,B08,B13
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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	396	486	35.0	81	

PROD-IDENT: 750477	MASS KG: 8631	NR: 1	CAST NR: Z7323	B07,B08,B13
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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	397	485	34.5	82	

We hereby confirm that we comply to the terms of our order acknowledgement and any agreed concessions.	
Tata Steel IJmuiden BV	
Jeffrey Flemming General Manager	
IJmuiden, 20 June 2022	
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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@tatasteeleurope.com	A03 Doc nr. 2022061512 00		A04 TATA STEEL
	A02 Inspection certificate 3.1, EN10204.		
	A07, A09 Reference 4500062646 11001464 00010	A08 Order nr. 56204 A	

PROD-IDENT: 750476		MASS KG: 10301	NR: 1	CAST NR: Z7323		B07,B08,B13	
TENSILE TEST						C10-29	
C01	C01/C02	C10	C03	C11	C12	C13	C16
			Temp (°c)	ReH (MPa)	Rm (MPa)	A (%)	ReH/Rm (%)
Bottom Middle	Surface Longitudinal	Prismatical	+20	397	485	34.5	82

PROD-IDENT: 750475		MASS KG: 10311	NR: 1	CAST NR: Z7323		B07,B08,B13	
TENSILE TEST						C10-29	
C01	C01/C02	C10	C03	C11	C12	C13	C16
			Temp (°c)	ReH (MPa)	Rm (MPa)	A (%)	ReH/Rm (%)
Bottom Middle	Surface Longitudinal	Prismatical	+20	397	485	34.5	82

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
	Z7178	0.072	0.504	0.014	0.005	0.008	0.036	0.028	0.036	0.031	0.004	0.029
	Z7314	0.077	0.509	0.013	0.005	0.010	0.029	0.008	0.019	0.016	0.001	0.023
	Z7323	0.074	0.513	0.012	0.006	0.010	0.038	0.008	0.015	0.018	0.001	0.024
	CAST NR.	C82 V	C83 N	C84 B	C85 Ti	C86 Sn	C87 Al_ZO	C88 C-eq1				
	Z7178	0.002	.0035	.0000	0.001	0.006	0.035	.168				
	Z7314	0.002	.0023	.0000	0.001	0.001	0.027	.168				
	Z7323	0.002	.0022	.0000	0.001	0.001	0.036	.165				
C-eq1: C + Mn/6 + (Cr + Mo + V)/5 + (Ni + Cu)/15												

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