


<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@tatasteeleurope.com	<b>A03 Doc nr.</b> 2021018666 00	<b>A04</b>  <h1>TATA STEEL</h1>								
	<b>A02</b> Inspection certificate 3.1, EN10204.									
	<b>A07, A09 Reference</b> 2022502769  2022502769-00140		<b>A08 Order nr.</b> 57165 T							
<b>A06 Customer/Consignee</b> J. SOARES CORREIA - ARMAZENS DE FERRO SA R. DO OUTEIRO 84; FOLGOSA APARTADO 36  4746-909MAIA (DISTRITO DO PORTO) PORTUGAL	<b>B01,B02,B03,B04,B15</b> Hot rolled dry, Coil, S355J2+AR, EN 10025-2:11-2004. Mill edges. Suitable for: Part galvanising, Cutting into sheet. Tolerance EN 10051 : 2010 (E) (Thickness tolerance +0.4/-0.4 mm, Width tolerance +25/-0 mm). Country of melt and pour: The Netherlands	<b>C70</b> STEEL MAKING PROCESS: BO  <b>B09,B10,B11 Dimensions</b> 2000 mm X 8.00 mm  <table border="1"> <tr> <td><b>B13 Total Mass KG</b></td> <td><b>B08 Total NR.</b></td> </tr> <tr> <td>29220</td> <td>1</td> </tr> <tr> <td><b>A11 Dispatch Note</b></td> <td><b>A10 Transport</b></td> </tr> <tr> <td>79054</td> <td>WILMA</td> </tr> </table>	<b>B13 Total Mass KG</b>	<b>B08 Total NR.</b>	29220	1	<b>A11 Dispatch Note</b>	<b>A10 Transport</b>	79054	WILMA
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<b>A11 Dispatch Note</b>	<b>A10 Transport</b>									
79054	WILMA									

	1370 Tatasteel IJmuiden BV 19 www.tatasteeleurope.com/dop EN 10025-1-2004	To be used in-welded, bolted and riveted structures Tol. on dimensions and shape EN10051 Elongation Tensile Strength Yield Strength Impact Strength Weldability Durability Dangerous Substances: No Perf: Determined	according to EN10025-2
Z04		Z04	Z04

<b>PROD-IDENT:</b> 3016048	<b>MASS KG:</b> 29220	<b>NR:</b> 1	<b>CAST NR:</b> S1182	<b>B07,B08,B13</b>
<b>TENSILE TEST</b>				<b>C10-29</b>

C01	C01/C02	C10	C03 Temp (°C)	C11 ReH (MPa)	C12 Rm (MPa)	C13 A (%)	C16 ReH/Rm (%)
Bottom Middle	Surface Transverse	Prismatical	+20	472	533	27.0	89

<b>IMPACT TEST AND OTHER TESTS</b>												<b>C40,C60,C65</b>	
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	112	114	118	115		

<b>CHEMICAL COMPOSITION in %</b>													
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		
S1182	0.060	1.354	0.014	0.004	0.023	0.032	0.016	0.028	0.024	0.004	0.035		
CAST NR.	C82 V	C83 N	C84 B	C85 Ti	C86 Sn	C87 Al_ZO	C88 C-eq1						
S1182	0.007	.0040	.0000	0.002	0.002	0.030	.296						

C-eq1: 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, 16 February 2021

*Jeffrey Flemming*

**ONIRAM, LDA**  
 DEP.QUALIDADE  
 RECEPÇÃO  
 DATA 2021.02.16  
 RUBRICA *[Signature]*

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Z01, Z02