

ÖSTERBERGS INDUSTRIHANDEL AB

## Inspection certificate 3.1

BOX 5240  
65005 KARLSTAD  
Swedenas per : EN 10204  
No. : 2023-2041323923-20-107019-014  
Rev. 0 Page 1 of 1

PO no.	0000596812/688869	of	15.03.2023
Order no.	1041090782		
Delivery note/pos./split	2041323923/000000/000020	of	16.03.2023
Product	GMAW wire electrode		
Trade name	<b>Union NiMoCr</b>		
Standard designation	EN ISO 16834-A - G 69 6 M21 Mn4Ni1,5CrMo AWS A5.28: ER100S-G [ER100S-1(mod.)]		
Dimension	1,2 mm		261089
Heat no.	107019		13350
Quantity	18,0 KG		1H43C00G 0015

## Chemical composition in % of the product

C	Si	Mn	P	S	Cr	Mo	Ni	V	Cu	Ti	Al	Zr		
0,08	0,57	1,62	0,008	0,008	0,21	0,53	1,47	< 0,01	0,02	0,05	< 0,01	< 0,01		

## Mechanical properties

EN 10204 - 2.2

Tensile test							
T	ReL / Rp 0,2 MPa	Rp 1,0 MPa	Rm MPa	A (Lo = 5d) %	Z %	WBH PWHT	Remarks
20°C	≥ 720		≥ 780	≥ 17			M21
Impact test							
T	Impact energy KV / J	Average KV / J	Lateral expansion mm	Shear fracture %	WBH PWHT	Remarks	
-60°C	≥ 47					M21	
20°C	≥ 100						

Town  
AvestaDate  
17.03.2023

This certificate was issued by DP-equipment and does not require signature.

Authorized representative  
Lidstroem