

ÖSTERBERGS INDUSTRIHANDEL AB

## Inspection certificate 3.1

BOX 5240  
65005 KARLSTAD  
Swedenas per : EN 10204  
No. : 2022-2041322613-10-106676-014  
Rev. 0 Page 1 of 1

PO no.	670895	of	16.08.2022
Order no.	1041089671		
Delivery note/pos./split	2041322613/000000/000010	of	18.08.2022
Product	GMAW wire electrode		
Trade name	<b>Thermanit Nicro 82</b>		
Standard designation	EN ISO 18274: S Ni 6082 (NiCr20Mn3Nb) AWS A5.14: ERNiCr-3		
Dimension	1,0 mm		261089
Heat no.	106676		69736
Quantity	15,0 KG		1N60820G 0015

## Chemical composition in % of the product

C	Si	Mn	P	S	Cr	Ni	Cu	Ti	Nb	Fe				
< 0,01	0,1	3,1	0,003	0,001	20,7	72,5	< 0,1	0,3	2,7	0,5				

## 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	≥ 380	≥ 420	≥ 620	≥ 35			
Impact test							
T	Impact energy KV / J	Average KV / J	Lateral expansion mm	Shear fracture %	WBH PWHT	Remarks	
20°C	≥ 90						

Town  
AvestaDate  
19.08.2022

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

Authorized representative  
Lars-Åke Bylund