

ÖSTERBERGS INDUSTRIHANDEL AB

Inspection certificate 3.1

BOX 5240
65005 KARLSTAD
Swedenas per : EN 10204
No. : 2024-2041327690-10-4110829-014
Rev. 0 Page 1 of 1

PO no.	0000743570/742562	of	09.12.2024
Order no.	1041093757		
Delivery note/pos./split	2041327690/000000/000010	of	10.12.2024
Product	covered electrode		
Trade name	Thermanit Nicro 82		
Standard designation	EN ISO 14172 - E Ni 6082 (NiCr20Mn3Nb) AWS A5.11-05: ENiCrFe-3 (mod.)		
Dimension	2,5 x 300 mm		261089
Serial no.	4110829		67842
Quantity	12,0 KG		4N60820E 0045

Chemical composition in % of the weld metal

C	Si	Mn	P	S	Cr	Mo	Ni	Cu	Co	Ti	Nb	Fe	Ta	
0,02	0,42	5,40	<0,003	0,007	18,79	1,42	68,95	0,03	<0,020	0,07	2,23	2,54	0,002	

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		≥ 650	≥ 35			
Impact test							
T	Impact energy KV / J	Average KV / J	Lateral expansion mm	Shear fracture %	WBH PWHT	Remarks	
-196°C	≥ 70						
20°C	≥ 90						

Town
AvestaDate
11.12.2024

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

Authorized representative
Lidstroem