

ÖSTERBERGS INDUSTRIHANDEL AB

Inspection certificate 3.1

BOX 5240
65005 KARLSTAD
Swedenas per : EN 10204
No. : 2024-2041327506-10-4110809-014
Rev. 0 Page 1 of 1

PO no.	0000737427/740095	of	14.11.2024
Order no.	1041093644		
Delivery note/pos./split	2041327506/000000/000010	of	14.11.2024
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	3,2 x 300 mm		261089
Serial no.	4110809		67862
Quantity	12,6 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	0,44	5,39	0,007	0,006	18,81	1,38	69,10	0,02	< 0,1	0,06	2,18	2,36	<0,030	

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
14.11.2024

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

Authorized representative
Lidstroem