

ÖSTERBERGS INDUSTRIHANDEL AB

Inspection certificate 3.1BOX 5240
65005 KARLSTAD
Swedenas per : EN 10204
No. : 2022-2041321226-10-4110341-014
Rev. 0 Page 1 of 1

PO no.	656056	of	27.01.2022
Order no.	1041088647		
Delivery note/pos./split	2041321226/000000/000010	of	07.02.2022
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.	4110341		67862
Quantity	4,2 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	0,17	5,21	0,003	0,005	18,85	1,33	69,00	0,03	< 0,1	0,08	2,32	2,76	0,004

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
07.02.2022

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

Authorized representative
Lars-Åke Bylund