

ÖSTERBERGS INDUSTRIHANDEL AB

Inspection certificate 3.1

BOX 5240
65005 KARLSTAD
Swedenas per : EN 10204
No. : 2023-2041324656-10-4110617-014
Rev. 0 Page 1 of 1

PO no.	700144	of	17.08.2023
Order no.	1041091425		
Delivery note/pos./split	2041324656/000000/000010	of	17.08.2023
Product	covered electrode		
Trade name	Thermanit Micro 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.	4110617		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	0,43	4,99	0,004	0,009	18,97	1,40	69,37	0,02	< 0,1	0,08	2,10	2,53	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
18.08.2023

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

Authorized representative
Lidstroem