

ÖSTERBERGS INDUSTRIHANDEL AB

Inspection certificate 3.1

BOX 5240
65005 KARLSTAD
Swedenas per : EN 10204
No. : 2023-2041324111-10-107078-014
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PO no.	691972	of	20.04.2023
Order no.	1041090923		
Delivery note/pos./split	2041324111/000000/000010	of	20.04.2023
Product	GMAW wire electrode		
Trade name	Thermanit 22/09		
Standard designation	EN ISO 14343-A: G 22 9 3 N L AWS A5.9: ER2209		
Dimension	1,0 mm		261089
Heat no.	107078		18100
Quantity	45,0 KG		1SC1A10G 0015

Chemical composition in % of the product

C	Si	Mn	P	S	Cr	Mo	Ni	Cu	N					
0,02	0,4	1,5	0,020	0,001	23,2	3,3	8,6	< 0,1	0,16					

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	≥ 510	≥ 550	≥ 700	≥ 25			
Impact test							
T	Impact energy KV / J	Average KV / J	Lateral expansion mm	Shear fracture %	WBH PWHT	Remarks	
20°C	≥ 70						

Town
AvestaDate
20.04.2023

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

Authorized representative
Lidstroem