

ÖSTERBERGS INDUSTRIHANDEL AB

**Inspection certificate 3.1**

BOX 5240  
 65005 KARLSTAD  
 Sweden

as per : EN 10204  
 No. : 2023-2041323799-10-106911-014  
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PO no.	0000589606/686167+686857	of	13.02.2023
Order no.	1041090595		
Delivery note/pos./split	2041323799/000000/000010	of	23.02.2023
Product	GMAW wire electrode		
Trade name	<b>Thermanit 22/09</b>		
Standard designation	EN ISO 14343-A: G 22 9 3 N L AWS A5.9: ER2209		
Dimension	1,0 mm		261089
Heat no.	106911		18100
Quantity	15,0 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	0,019	0,001	23,3	3,2	8,5	< 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  
 Avesta

Date  
 23.02.2023

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

Authorized representative  
 Lidstroem