

ÖSTERBERGS INDUSTRIHANDEL AB

Inspection certificate 3.1

BOX 5240
 65005 KARLSTAD
 Sweden

as per : EN 10204
 No. : 2022-2041322652-50-106672-014
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PO no.	671454	of	23.08.2022
Order no.	1041089691		
Delivery note/pos./split	2041322652/000000/000050	of	25.08.2022
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.	106672		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	0,020	0,001	23,2	3,2	8,6	< 0,1	0,15					

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
25.08.2022

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

Authorized representative
Lars-Åke Bylund