

ÖSTERBERGS INDUSTRIHANDEL AB

Inspection certificate 3.1

BOX 5240
 65005 KARLSTAD
 Sweden

as per : EN 10204
 No. : 2023-2041323608-20-106994-014
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PO no.	0000585677/684701	of	26.01.2023
Order no.	1041090500		
Delivery note/pos./split	2041323608/000000/000020	of	26.01.2023
Product	GMAW wire electrode		
Trade name	Thermanit GE-316L Si		
Standard designation	EN ISO 14343-A: G 19 12 3 L Si AWS A5.9: ER316LSi		
Dimension	0,8 mm		261089
Heat no.	106994		53188
Quantity	90,0 KG		1SB8A00G 0015

Chemical composition in % of the product

C	Si	Mn	P	S	Cr	Mo	Ni	Cu						
< 0,01	0,95	1,6	0,024	0,011	18,3	2,6	11,8	0,2						

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	≥ 320		≥ 510	≥ 25			
Impact test							
T	Impact energy KV / J	Average KV / J	Lateral expansion mm	Shear fracture %	WBH PWHT	Remarks	
-196°C	≥ 32						
20°C	≥ 70						

WRC 92: 8

Town
 Avesta

Date
 26.01.2023

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

Authorized representative
 Lidstroem