

ÖSTERBERGS INDUSTRIHANDEL AB

Inspection certificate 3.1

BOX 5240
65005 KARLSTAD
Swedenas per : EN 10204
No. : 2023-2041323716-10-106915-014
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PO no.	0000589606/686167	of	13.02.2023
Order no.	1041090595		
Delivery note/pos./split	2041323716/000000/000010	of	13.02.2023
Product	GTAW rod/wire		
Trade name	BÖHLER DMO-IG		
Standard designation	EN ISO 636-A - W 2Mo EN ISO 21952-A - W MoSi AWS A5.28: ER70S-A1 (ER80S-G)		
Dimension	2,0 x 1000 mm		261089
Heat no.	106915		34285
Quantity	5,0 KG		1C60A00W 0015

Chemical composition in % of the product

C	Si	Mn	P	S	Cr	Mo	Ni	V	Cu	Ti	Al			
0,10	0,59	1,14	0,008	0,010	< 0,1	0,50	< 0,1	< 0,01	< 0,1	< 0,01	< 0,01			

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	≥ 460		550 - 740	≥ 22			I1
Impact test							
T	Impact energy KV / J	Average KV / J	Lateral expansion mm	Shear fracture %	WBH PWHT	Remarks	
-30°C	≥ 47					I1	

Fulfills all requirements of the standard designation AWS A5.28 – ER70S-A1. According to AWS A5.28 clause 3.2 only one classification shall be used.

Town
AvestaDate
13.02.2023

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

Authorized representative
Lidstroem