

ÖSTERBERGS INDUSTRIHANDEL AB

Test Report 2.2

BOX 5240
 65005 KARLSTAD
 Sweden

as per : EN 10204
 No. : 2023-2041324646-20-4110605-003
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PO no.	0000629841/699612	of	10.08.2023
Order no.	1041091399		
Delivery note/pos./split	2041324646/000000/000020	of	15.08.2023
Product	covered electrode		
Trade name	PHOENIX SPEZIAL D		
Standard designation	EN ISO 2560-A - E 42 3 B 12 H10 AWS A5.1: E 7016		
Dimension	4,0 x 450 mm		261089
Serial no.	4110605		78074
Quantity	40,8 KG		4U83D76E 0045

Chemical composition in % of the weld metal

C	Si	Mn	P	S	Cr	Mo	Ni	V	Cu	Nb				
0,06	0,7	1,1	0,010	0,005	< 0,1	< 0,1	< 0,1	< 0,01	< 0,1	< 0,01				

Mechanical properties

Tensile test							
T	ReL / Rp 0,2 MPa	Rp 1,0 MPa	Rm MPa	A (Lo = 5d) %	Z %	WBH PWHT	Remarks
20°C	≥ 420		≥ 550	≥ 22			
Impact test							
T	Impact energy KV / J	Average KV / J	Lateral expansion mm	Shear fracture %	WBH PWHT	Remarks	
-30°C	≥ 50						
20°C	≥ 80						

Town
 Avesta

Date
 16.08.2023

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

Authorized representative
 Lidstroem