

ÖSTERBERGS INDUSTRIHANDEL AB

## Test Report 2.2

BOX 5240  
65005 KARLSTAD  
Swedenas per : EN 10204  
No. : 2023-2041324602-20-4110385-003  
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PO no.	0000626770/1328291	of	26.07.2023
Order no.	1041091371		
Delivery note/pos./split	2041324602/000000/000020	of	27.07.2023
Product	covered electrode		
Trade name	<b>PHOENIX SPEZIAL D</b>		
Standard designation	EN ISO 2560-A - E 42 3 B 12 H10 AWS A5.1: E 7016		
Dimension	5,0 x 450 mm		261089
Serial no.	4110385		78075
Quantity	20,0 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  
AvestaDate  
27.07.2023

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

Authorized representative  
Lidstroem