

ÖSTERBERGS INDUSTRIHANDEL AB

## Inspection certificate 3.1

BOX 5240  
65005 KARLSTAD  
Swedenas per : EN 10204  
No. : 2024-2041325596-30-1078312-014  
Rev. 0 Page 1 of 1

PO no.	See text	of	31.01.2024
Order no.	1141004045		
Delivery note/pos./split	2041325596/000000/000030	of	31.01.2024
Product	Tubular cored electrode		
Trade name	<b>diamondspark 52 RC</b>		
Standard designation	EN ISO 17632-A: T46 4 P M21 1 H5/T46 2 P C1 1 H5 AWS A5.20: E71T1M/T-9M/T-12M-JDH4/E71T1C/T-9C/T-12C DH4		
Dimension	1,2 mm		261089
Serial no.	1078312		81850
Quantity	30,0 KG		CU04110F 0015

## Chemical composition in % of the weld metal

C	Si	Mn	P	S	Cr	Mo	Ni	V	Cu	Al	Nb	B		
0,06	0,46	1,20	0,011	0,007	0,05	< 0,01	0,02	0,01	0,09	< 0,1	0,01	0,004		

## 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		530 - 620	≥ 23			
Impact test							
T	Impact energy KV / J	Average KV / J	Lateral expansion mm	Shear fracture %	WBH PWHT	Remarks	
-40°C	≥ 47						

Town  
AvestaDate  
31.01.2024

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

Authorized representative  
Lidstroem