

ÖSTERBERGS INDUSTRIHANDEL AB

Inspection certificate 3.1

BOX 5240
65005 KARLSTAD
Swedenas per : EN 10204
No. : 2022-2041320927-40-924110-014
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PO no.	654132	of	22.12.2021
Order no.	1041088501		
Delivery note/pos./split	2041320927/000000/000040	of	03.01.2022
Product	Tubular cored electrode		
Trade name	diamondspark 52 RC		
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	1,0 mm		261089
Serial no.	924110		62015
Quantity	16,0 KG		CU04110F 0015

Chemical composition in % of the weld metal

C	Si	Mn	P	S	Cr	Mo	Ni	V	Cu	Al	Nb	B		
0,05	0,41	1,19	0,013	0,009	0,03	< 0,01	< 0,01	0,01	0,11	< 0,1	0,02	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
04.01.2022

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

Authorized representative
Lars-Åke Bylund