

ÖSTERBERGS INDUSTRIHANDEL AB

Inspection certificate 3.1

BOX 5240
65005 KARLSTAD
Swedenas per : EN 10204
No. : 2023-2041324099-20-1048512-014
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PO no.	691794	of	19.04.2023
Order no.	1041090918		
Delivery note/pos./split	2041324099/000000/000020	of	20.04.2023
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	1,2 mm		261089
Serial no.	1048512		45318
Quantity	1792,0 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	0,58	1,39	0,012	0,010	0,04	0,01	0,02	0,02	0,14	< 0,1	< 0,01	0,005		

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
21.04.2023

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

Authorized representative
Lidstroem