

ÖSTERBERGS INDUSTRIHANDEL AB

**Inspection certificate 3.1**

BOX 5240  
 65005 KARLSTAD  
 Sweden

as per : EN 10204  
 No. : 2024-2041327474-80-1147412-014  
 Rev. 0 Page 1 of 1

PO no.	0000736268/739602+739628	of	11.11.2024
Order no.	1041093629		
Delivery note/pos./split	2041327474/000000/000080	of	11.11.2024
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.	1147412		45318
Quantity	1488,0 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	0,43	1,18	0,014	0,008	0,05	< 0,01	0,02	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  
 Avesta

Date  
 11.11.2024

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

Authorized representative  
 Lidstroem