

ÖSTERBERGS INDUSTRIHANDEL AB

**Inspection certificate 3.1**

BOX 5240  
 65005 KARLSTAD  
 Sweden

as per : EN 10204  
 No. : 2024-2041325679-10-1100012-014  
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PO no.	713468	of	22.01.2024
Order no.	1041092209		
Delivery note/pos./split	2041325679/000000/000010	of	12.02.2024
Product	Tubular cored electrode		
Trade name	<b>diamondspark 54 MC</b>		
Standard designation	EN ISO 17632-A: T46 6 M M21 1 H5/T42 5 M C1 1 H5 AWS A5.18 / SFA-5.18: E70C-6M-H4		
Dimension	1,2 mm		261089
Serial no.	1100012		44445
Quantity	2688,0 KG		CU04190F 0015

**Chemical composition in % of the weld metal**

C	Si	Mn	P	S	Cr	Mo	Ni	V	Cu	Al	Nb			
0,08	0,69	1,28	0,008	0,007	0,03	< 0,01	0,02	< 0,01	0,09	< 0,1	< 0,01			

**Mechanical properties**

**EN 10204 - 2.2**

<b>Tensile test</b>							
T	ReL / Rp 0,2 MPa	Rp 1,0 MPa	Rm MPa	A (Lo = 5d) %	Z %	WBH PWHT	Remarks
20°C	≥ 460		550 - 660	≥ 20			
<b>Impact test</b>							
T	Impact energy KV / J	Average KV / J	Lateral expansion mm	Shear fracture %	WBH PWHT	Remarks	
-60°C	≥ 47						

Town  
 Avesta

Date  
 13.02.2024

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

Authorized representative  
 Lidstroem