

ÖSTERBERGS INDUSTRIHANDEL AB

Inspection certificate 3.1

BOX 5240
 65005 KARLSTAD
 Sweden

as per : EN 10204
 No. : 2024-2041327306-10-1134410-014
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PO no.	1424566	of	17.10.2024
Order no.	1041093511		
Delivery note/pos./split	2041327306/000000/000010	of	17.10.2024
Product	Tubular cored electrode		
Trade name	diamondspark 54 MC		
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	1,0 mm		261089
Serial no.	1134410		45334
Quantity	48,0 KG		CU04190F 0015

Chemical composition in % of the weld metal

C	Si	Mn	P	S	Cr	Mo	Ni	V	Cu	Al	Nb			
0,07	0,77	1,27	0,006	0,008	0,02	< 0,01	0,02	< 0,01	0,11	< 0,1	< 0,01			

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		550 - 660	≥ 20			
Impact test							
T	Impact energy KV / J	Average KV / J	Lateral expansion mm	Shear fracture %	WBH PWHT	Remarks	
-60°C	≥ 47						

Town
 Avesta

Date
 17.10.2024

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

Authorized representative
 Lidstroem