

ÖSTERBERGS INDUSTRIHANDEL AB

Inspection certificate 3.1

BOX 5240
65005 KARLSTAD
Swedenas per : EN 10204
No. : 2023-2041323856-80-1018210-014
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PO no.	0000593937/687842	of	02.03.2023
Order no.	1041090726		
Delivery note/pos./split	2041323856/000000/000080	of	06.03.2023
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.	1018210		45334
Quantity	16,0 KG		CU04190F 0015

Chemical composition in % of the weld metal

C	Si	Mn	P	S	Cr	Mo	Ni	V	Cu	Al	Nb			
0,08	0,68	1,29	0,010	0,009	0,03	< 0,01	0,02	< 0,01	0,12	< 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
AvestaDate
06.03.2023

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

Authorized representative
Lidstroem