

Inspection Certificate Type 3.1 DIN EN10204

Date:24/11/2023

Quality Management System

ISO9001: 2015

Inspection Certificate 3.1

According to ISO 14341-A-G42 4

M21 3Si1

NO. 890000343397

Commodity	MIG/MAG Welding Wire / SCHWEISSDRAHT
Trade Mode	JQ.MG50-6
Standard Designation	AWS A5.18 (ER70S-6) ISO 14341-A-G42 4 M21 3Si1
Size	0.8mm(15KG)
Batch No.	23103114
Quantity	5,400.00kg

Chemical Composition in % of Welding Wires

C	S	Mn	Si	P	Cr	Ni	Mo	V	Cu	Al	Ti+Zr
0.074	0.013	1.48	0.86	0.013	0.026	0.010	0.005	0.002	0.11	0.008	0.002

Mechanical Properties of Deposited Metal

Tensile Test		According To: ISO 5178			
Impact Test		According To: ISO 9016			
Tensile Strength R _m (MPa)	Yield Strength R _{eL} /R _{p0.2} (MPa)	Percentage Elongation After Fracture A (L= 5D) %	Impact Temp. T (°C)	Absorbed Energy KV ₂ (J)	Shielding Gas
548	441	27.5	-40	83、88、74	M21

Radiographic Inspection: Rating I

Approved by TüV、DB、CE		WE HEREBY CERTIFY THAT THIS REPORT IS CORRECT AND THAT ALL TEST RESULTS ARE IN COMPLIANCE WITH THE SPECIFICATION DESCRIBED HEREIN.THE MANUFACTURING PROCESS OF OUR PRODUCT IS IN ACCORDANCE WITH THE CERTIFICATION CONDITION.WE ARE RESPONSIBLE FOR THE QUALITY OF OUR PRODUCTS. this certificate was issued by DP-equipment and does not require signature Datum/date: 24.11.2023
Remarks	Complied with European Standard DIN EN102040UD: 81046794	