



INSPECTION CERTIFICATION

According to EN 10204 3.1

Client	SWP	Heat No.	4361	Date of Delivery	Jan., 5, 2024
Products	Super 6 SG2	Test No.	834361	Date of Production	Jan., 2024
Order no.	43670	Size	1.0mm(7313)	Date of Test	Jan., 2, 2024

All-weld-metal/Chemical analysis(%)-CO2/MIXED GAS

C	Si	Mn	P	S	Cr	Ni	Mo	V	Al	Ti+Zr	Cu
0.08	0.88	1.58	0.012	0.012	0.005	0.005	0.004	0.003	0.002	0.03	0.22

Welding conditions

Current type	DC+	Arc voltage(V)	22-26	Inter pass temp.	150
Current(A)	220-260	Shielding Gas	EN ISO 14175-C1,M20,M21		

All-weld-metal mechanical properties

Tensile test

Test no.	Heat treatment	Tensile strength(MPa)	Yield Strength(MPa)	Elongation(%)
834361	-	547	458	27

Impact test

Test no.	Notch type	Test temperature	Shielding Gas	Impact value(J)					Average
				1	2	3	4	5	
834361	V	-40	M21	97	95	98	96	94	96.00
834361	V	-40	C1	83	83	86	85	82	83.80

Radiography

Bending test(Butt Weld)

Hydrogen Test

II	OK	2.78
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Standard no.: AWS A5.18 ER70S-6

EN ISO 14341-A-G 42 4C1/M21 3Si1

DIN 8559 SG2

Approvals: TÜV SÜD

CPR Certificate no.:0036-CPR-S 128.2020.001

We hereby certify that the product described above "complies with the term of the order" and conforms with the related international standards"

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DOP Ref.:Super 6 SG2 2017-001

EN13479:2017

Inspecting Department : QC Department

Inspector : **Jeremy Packer**

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