



INSPECTION CERTIFICATION

According to EN 10204 3.1

Client	SWP	Heat No.	0357	Date of Delivery	May 18, 2023
Products	Super 6 SG2	Test No.	530357	Date of Production	May, 2023
Order no.	42380	Size	1.2mm(7309)	Date of Test	May 12, 2023

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	0.011	0.006	0.004	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(%)	
530357	-	546			458			28	
Impact test									
Test no.	Notch type	Test temperature	Shielding Gas	Impact value(J)					Average
				1	2	3	4	5	
530357	V	-40	M21	91	89	88	90	88	89.40
530357	V	-40	C1	83	83	83	82	84	83.00
Radiography			Bending test(Butt Weld)			Hydrogen Test			
II			OK			2.78			



Standard no.: AWS A5.18 ER70S-6
 EN ISO 14341-A-G 42 4C1/M21 3Si1
 DIN 8559 SG2

0036
14
 DOP Ref.: Super 6 SG2 2017-001
EN13479:2017

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"

Inspecting Department : QC Department
 Inspector : **Jeremy Packer**



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According to EN 10204 3.1

Client	SWP	Heat No.	0357	Date of Delivery	May 18, 2023
Products	Super 6 SG2	Test No.	530357	Date of Production	May, 2023
Order no.	42380	Size	1.2mm(7314)	Date of Test	May 12, 2023

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	0.011	0.006	0.004	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(%)			
530357	-	546		458		28			
Impact test									
Test no.	Notch type	Test temperature	Shielding Gas	Impact value(J)					Average
				1	2	3	4	5	
530357	V	-40	M21	91	89	88	90	88	89.40
530357	V	-40	C1	83	83	83	82	84	83.00
Radiography			Bending test(Butt Weld)			Hydrogen Test			
II			OK			2.78			



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Specialised welding Products Ltd

Unit 1 , Withins Road, Haydock Industrial Estate, Haydock, WA11 9UD

www.specialisedwelding.co.uk



INSPECTION CERTIFICATION

According to EN 10204 3.1

Client	SWP	Heat No.	0201	Date of Delivery	May 18, 2023
Products	Super 6 SG2	Test No.	830201	Date of Production	May, 2023
Order no.	42380	Size	0.8mm(XL7304)	Date of Test	May 12, 2023

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

C	Si	Mn	P	S	Cr	Ni	Mo	V	Al	Ti+Zr	Cu
0.09	0.87	1.57	0.013	0.012	0.005	0.004	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(%)	
830201	-	547			456			28	
Impact test									
Test no.	Notch type	Test temperature	Shielding Gas	Impact value(J)					Average
				1	2	3	4	5	
830201	V	-40	M21	91	89	87	90	89	89.20
830201	V	-40	C1	83	85	83	82	81	82.80
Radiography			Bending test(Butt Weld)			Hydrogen Test			
II			OK			2.78			



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