



INSPECTION CERTIFICATION

According to EN 10204 3.1

Client	SWP	Heat No.	1188	Date of Delivery	Nov., 26, 2025
Products	SUPER 6SG2	Test No.	831188	Date of Production	Nov., 2025
Order no.	46706	Size	1.0mm(7308)	Date of Test	Nov., 20, 2025

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

C	Si	Mn	P	S	Cr	Ni	Mo	V	Al	Ti+Zr	Cu
0.08	0.87	1.58	0.012	0.012	0.006	0.007	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(%)	
831188	-	548			457			28	
Impact test									
Test no.	Notch type	Test temperature	Shielding Gas	Impact value(J)					Average
				1	2	3	4	5	
831188	V	-40	M21	98	97	96	96	95	96.40
831188	V	-40	C1	84	85	85	86	85	85.00
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



EN13479:2017

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 : Gary Waterman

Specialised welding Products Ltd

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

www.specialisedwelding.co.uk