



INSPECTION CERTIFICATION

According to EN 10204 3.1

Client	SWP	Heat No.	23033146	Date of Delivery	March 21, 2023
Products	SG2 ECO	Test No.	890000328461	Date of Production	March, 2023
Order no.	42221	Size	1.0mm(7308) ECO	Date of Test	March 21, 2023

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

C	Si	Mn	P	S	Cr	Ni	Mo	V	Al	Ti+Zr	Cu
0.073	0.85	1.47	0.012	0.011	0.028	0.014	0.007	0.001	0.006	0.0305	0.12

All-weld-metal mechanical properties

Tensile test									
Test no.	Heat treatment	Tensile strength(MPa)			Yield Strength(MPa)			Elongation(%)	
890000328461	-	544			434			29	
Impact test									
Test no.	Notch type	Test temperature	Shielding Gas	Impact value(J)					Average
				1	2	3			
890000328461	V	-40	M21	83	77	89			83.00
890000328461	V	-40	C1	84	82	84			83.00
Radiography			Test Result 1						
II			OK						

Standard no.: AWS A5.18 ER70S-6

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

DIN 8559 SG2

Approvals: TÜV SÜD



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

Specialised welding Products Ltd

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

www.specialisedwelding.co.uk