

TEST CERTIFICATE

Chemical Composition Prepared according to EN 10204 3.1
Mechanical Properties Prepared according to EN 10204 2.2

Certificate No 552741	Date 16.09.2021	Dispatch No 2021000015393
Customer ALUNOX SCHWEISSTECHNIK GMBH		Lot Class
Product Name MG 3	Approvals DB, DNV-GL, TUV	
Standards AWS/ASME SFA - 5.18 ER70S-6, EN ISO 14341 - A G 46 4 C1 G 4Si1, EN ISO 14341 - A G 46 4 M21 G 4Si1, TS EN ISO 14341 - A G 46 4 C1 G 4Si1, TS EN ISO 14341 - A G 46 4 M21 G 4Si1		

Solid Wire Chemical Analysis(%)

Lot Num	Diameter (mm)	C	Si	Mn	P	S	Cr	Ni	Mo	Cu	V	Ti	Al	Zr
34505077	1.00	0,07	0,85	1,666	0,006	0,01	0,044	0,015	0,006	0,068	0,01	0,008	0,01	0,006
34505080	0.80	0,074	0,884	1,668	0,005	0,01	0,029	0,016	0,005	0,07	0,009	0,006	0,012	0,006
34505082	1.20	0,068	0,855	1,667	0,005	0,011	0,032	0,014	0,006	0,067	0,009	0,005	0,01	0,006
34505085	1.00	0,075	0,853	1,674	0,006	0,012	0,032	0,018	0,007	0,067	0,009	0,004	0,01	0,006

All-Weld-Metal Mechanical Properties - (Gas C1)

Production Number	Diameter(mm)	Quantity(kg)	Tensile Strength (N/mm2)	Yield Strength (N/mm2)	Elongation(%)	Impact Energy(J)(-40)
34505077	1.00	1000	570	460	30	70
34505080	0.80	2160	570	460	30	70
34505082	1.20	1080	570	460	30	70
34505085	1.00	3240	570	460	30	70

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

Certification Services

