

TEST CERTIFICATE

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

Certificate No 548765	Date 08.06.2021	Dispatch No 2021000010056
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
23042547	1.00	0,072	0,956	1,731	0,001	0,015	0,022	0,013	0,003	0,07	0,009	0,009	0,01	0,006
23042548	0.80	0,066	0,942	1,71	0,002	0,011	0,022	0,014	0,003	0,073	0,009	0,008	0,01	0,006
23042548	1.00	0,066	0,942	1,71	0,002	0,011	0,022	0,014	0,003	0,073	0,009	0,008	0,01	0,006
34500753	1.00	0,068	0,86	1,638	0,009	0,013	0,03	0,009	0,004	0,071	0,009	0,005	0,01	0,006
34500754	1.00	0,071	0,87	1,646	0,007	0,011	0,023	0,009	0,003	0,069	0,009	0,005	0,009	0,006
34500756	1.00	0,067	0,863	1,651	0,009	0,012	0,021	0,01	0,004	0,071	0,009	0,005	0,01	0,006
34500757	1.00	0,075	0,877	1,644	0,009	0,012	0,026	0,01	0,003	0,069	0,009	0,005	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)
23042547	1.00	2160	570	460	30	70
23042548	0.80	500	570	460	30	70
23042548	1.00	8640	570	460	30	70
34500753	1.00	1080	570	460	30	70
34500754	1.00	2160	570	460	30	70
34500756	1.00	1080	570	460	30	70
34500757	1.00	1080	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



TEST CERTIFICATE

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

Certificate No 549028	Date 14.06.2021	Dispatch No 2021000010452
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
23042546	1.00	0,07	0,945	1,713	0,002	0,014	0,026	0,013	0,003	0,072	0,009	0,01	0,01	0,006
23042547	1.00	0,07	0,957	1,716	0,001	0,015	0,022	0,013	0,003	0,07	0,009	0,009	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)
23042546	1.00	1080	570	460	30	70
23042547	1.00	1080	570	460	30	70

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

Certification Services

