

TEST CERTIFICATE

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

Certificate No 535434	Date 06.10.2020	Dispatch No 2020000005856
Customer ALUNOX SCHWEISSTECHNIK GMBH		
Product Name MG 2	Approvals ABS, CWB, DB, DNV-GL, HAKC, HAKC(1.00mm), HAKC(1.20mm), HAKC(1.60mm), RINA, TL, TUV	
Standards AWS/ASME SFA - 5.18 ER70S-6, EN ISO 14341 - A G 42 3 C1 G 3Si1, EN ISO 14341 - A G 42 4 M21 G 3Si1, TS EN ISO 14341 - A G 42 3 C1 G 3Si1, TS EN ISO 14341 - A G 42 4 M21 G 3Si1		

Solid Wire/Chemical Analysis(%)

Lot No	Diameter (mm)	C	Si	Mn	P	S	Cr	Ni	Mo	Cu	V	Ti	Al	Zr
23072522	0.80	0,071	0,913	1,459	0,004	0,015	0,043	0,02	0,005	0,088	0,007	0,002	0,007	0,006
23082425	0.80	0,068	0,906	1,475	0,002	0,012	0,041	0,015	0,006	0,075	0,007	0,002	0,007	0,004
23082426	0.80	0,065	0,878	1,46	0,003	0,013	0,039	0,014	0,006	0,075	0,006	0,002	0,006	0,004

All-Weld-Metal Mechanical Properties - (Gas M21)

Production No	Diameter(mm)	Quantity(kg)	Tensile Strength (N/mm2)	Yield Strength (N/mm2)	Elongation(%)	Impact Energy(J)(-40)
23072522	0.80	2160	530	430	28	55
23082425	0.80	2160	530	430	28	55
23082426	0.80	1080	530	430	28	55

We hereby certify that the product described above "complies with the term of the order" and "comforms 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 535790	Date 13.10.2020	Dispatch No 202000006351
Customer ALUNOX SCHWEISSTECHNIK GMBH		
Product Name MG 2	Approvals ABS, CWB, DB, DNV-GL, HAKC, HAKC(1.00mm), HAKC(1.20mm), HAKC(1.60mm), RINA, TL, TUV	
Standards AWS/ASME SFA - 5.18 ER70S-6, EN ISO 14341 - A G 42 3 C1 G 3Si1, EN ISO 14341 - A G 42 4 M21 G 3Si1, TS EN ISO 14341 - A G 42 3 C1 G 3Si1, TS EN ISO 14341 - A G 42 4 M21 G 3Si1		

Solid Wire/Chemical Analysis(%)

Lot No	Diameter (mm)	C	Si	Mn	P	S	Cr	Ni	Mo	Cu	V	Ti	Al	Zr
23082425	0.80	0,068	0,906	1,476	0,002	0,012	0,041	0,014	0,006	0,075	0,007	0,002	0,007	0,004
23082427	0.80	0,068	0,89	1,43	0,002	0,015	0,043	0,015	0,006	0,074	0,007	0,002	0,006	0,004
23082427	0.80	0,068	0,89	1,43	0,002	0,015	0,043	0,015	0,006	0,074	0,007	0,002	0,006	0,004
27041055	1.00	0,066	0,905	1,419	0,003	0,016	0,028	0,019	0,005	0,087	0,007	0,011	0,007	0,005
27041055	1.00	0,066	0,905	1,419	0,003	0,016	0,028	0,019	0,005	0,087	0,007	0,011	0,007	0,005
27041057	1.00	0,064	0,902	1,422	0,003	0,017	0,042	0,038	0,012	0,094	0,006	0,011	0,006	0,005
27041060	1.00	0,064	0,836	1,348	0,004	0,017	0,046	0,028	0,009	0,098	0,006	0,009	0,004	0,008
27041063	1.00	0,068	0,934	1,422	0,003	0,016	0,034	0,028	0,008	0,083	0,007	0,011	0,007	0,004
27041087	1.00	0,071	0,922	1,454	0,004	0,016	0,028	0,018	0,005	0,09	0,007	0,012	0,007	0,005
27041097	1.60	0,071	0,904	1,451	0,007	0,017	0,041	0,016	0,004	0,085	0,006	0,012	0,005	0,004

All-Weld-Metal Mechanical Properties - (Gas M21)

Production No	Diameter(mm)	Quantity(kg)	Tensile Strength (N/mm2)	Yield Strength (N/mm2)	Elongation(%)	Impact Energy(J)(-40)
23082425	0.80	4000	530	430	28	55
23082427	0.80	2160	530	430	28	55
23082427	0.80	1080	530	430	28	55
27041055	1.00	1080	530	430	28	55
27041055	1.00	2160	530	430	28	55
27041057	1.00	1080	530	430	28	55
27041060	1.00	1080	530	430	28	55
27041063	1.00	1000	530	430	28	55
27041087	1.00	4320	530	430	28	55
27041097	1.60	1080	530	430	28	55

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Certification Services

