

TEST CERTIFICATE

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

Certificate No 519431	Date 23.10.2019	Dispatch No 35603
Customer ALUNOX SCHWEISSTECHNIK GMBH		
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 No	Diameter (mm)	C	Si	Mn	P	S	Cr	Ni	Mo	Cu	V	Ti	Al	Zr
27941019	1.20	0,076	0,941	1,662	0,006	0,016	0,031	0,034	0,01	0,097	0,007	0,011	0,005	0,01
27941020	1.20	0,074	0,953	1,667	0,006	0,016	0,027	0,033	0,009	0,104	0,007	0,01	0,005	0,01
27941021	1.20	0,077	0,963	1,653	0,005	0,016	0,027	0,031	0,009	0,099	0,007	0,01	0,005	0,01
27941022	1.20	0,076	0,924	1,658	0,006	0,017	0,029	0,029	0,009	0,087	0,006	0,011	0,004	0,01

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

Lot No	Diameter(mm)	Quantity(kg)	Tensile Strength	Yield Strength	Elongation(%)	Impact Energy(J)(-40)
27941019	1.20	5400	570	480	28	55
27941020	1.20	3240	570	480	28	55
27941021	1.20	5400	570	480	28	55
27941022	1.20	3240	570	480	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

**MAGMAWELD ULUSLARARASI TİCARET A.Ş.**

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TEST CERTIFICATE

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

Certificate No 523484	Date 06.01.2020	Dispatch No 40084
Customer ALUNOX SCHWEISSTECHNIK GMBH		
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 No	Diameter (mm)	C	Si	Mn	P	S	Cr	Ni	Mo	Cu	V	Ti	Al	Zr
27941022	1.00	0,076	0,924	1,658	0,006	0,017	0,029	0,029	0,009	0,087	0,006	0,011	0,004	0,01
27941281	1.00	0,073	0,927	1,685	0,004	0,015	0,026	0,024	0,009	0,085	0,007	0,01	0,006	0,011
34235003	1.00	0,086	0,855	1,729	0,008	0,013	0,038	0,015	0,007	0,066	0,006	0,004	0,005	0,009
34280001	1.00	0,083	0,893	1,678	0,004	0,012	0,026	0,01	0,004	0,066	0,01	0,004	0,01	0,011
34281002	1.00	0,088	0,919	1,742	0,006	0,016	0,023	0,011	0,004	0,063	0,008	0,004	0,007	0,01
34282001	1.00	0,082	0,876	1,678	0,003	0,011	0,024	0,009	0,003	0,064	0,009	0,004	0,01	0,011

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

Lot No	Diameter(mm)	Quantity(kg)	Tensile Strength	Yield Strength	Elongation(%)	Impact Energy(J)(-40)
27941022	1.00	1080	570	480	28	55
27941281	1.00	2160	570	480	28	55
34235003	1.00	1080	570	480	28	55
34280001	1.00	2160	570	480	28	55
34281002	1.00	1080	570	480	28	55
34282001	1.00	1080	570	480	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

