

**TEST CERTIFICATE**

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

Certificate No 520659	Date 14.10.2019	Dispatch No 35133
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
24220531	1.20	0,065	0,847	1,653	0,007	0,012	0,023	0,04	0,004	0,114	0,006	0,001	0,006	0,008
27941018	1.20	0,077	0,964	1,634	0,006	0,014	0,031	0,035	0,01	0,089	0,007	0,012	0,006	0,01
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	1.00	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
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	1.00	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

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

Lot No	Diameter(mm)	Quantity(kg)	Tensile Strength	Yield Strength	Elongation(%)	Impact Energy(J)(-40)
24220531	1.20	3240	570	480	28	55
27941018	1.20	2160	570	480	28	55
27941019	1.20	8640	570	480	28	55
27941020	1.00	2160	570	480	28	55
27941020	1.20	2160	570	480	28	55
27941021	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

**MAGMAWELD ULUSLARARASI TİCARET A.Ş.**

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