

TEST CERTIFICATE

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

Certificate No 514602	Date 25.06.2019	Dispatch No 29651
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
24115940	1.20	0,079	0,992	1,646	0,011	0,012	0,025	0,034	0,005	0,099	0,007	0,002	0,007	0,009
24332990	1.20	0,073	1,004	1,639	0,009	0,012	0,024	0,026	0,004	0,087	0,007	0,002	0,008	0,009
24332999	1.20	0,072	0,941	1,671	0,011	0,013	0,028	0,035	0,005	0,112	0,007	0,002	0,009	0,008

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

Lot No	Diameter(mm)	Quantity(kg)	Tensile Strength	Yield Strength (N/mm2)	Elongation(%)	Impact Energy(J)(-40)
24115940	1.20	1000	530	430	28	55
24332990	1.20	1500	530	430	28	55
24332999	1.20	1000	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

**MAGMAWELD ULUSLARARASI TİCARET A.Ş.**

Headquarters: Bilim Sok. Sun Plaza 5/7 Maslak 34398 İstanbul, Türkiye T: +90 212 411 14 00 F: +90 212 598 92 78 Yenikapı V.D. 6120071915 Mersis No: 0612007191500013
Export: Organize Sanayi Bölgesi 2. Kısım 45030, Manisa, Türkiye | info@magmaweld.com

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

Certificate No 517804	Date 17.09.2019	Dispatch No 33612
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
24115942	1.20	0,074	0,935	1,659	0,01	0,011	0,025	0,032	0,005	0,095	0,007	0,002	0,006	0,008
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
24332990	1.20	0,073	1,004	1,639	0,009	0,012	0,024	0,026	0,004	0,087	0,007	0,002	0,008	0,009
27941021	0.80	0,08	0,976	1,637	0,005	0,015	0,027	0,03	0,01	0,098	0,007	0,01	0,006	0,01

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

Lot No	Diameter(mm)	Quantity(kg)	Tensile Strength	Yield Strength	Elongation(%)	Impact Energy(J)(-40)
24115942	1.20	1080	570	480	28	55
24220531	1.20	2160	570	480	28	55
24332990	1.20	8640	570	480	28	55
27941021	0.80	2160	570	480	28	55

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