

**TEST CERTIFICATE**

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

Certificate No 530839	Date 16.06.2020	Dispatch No 20200008003
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
34502685	1.00	0,072	0,866	1,651	0,007	0,011	0,03	0,008	0,005	0,069	0,008	0,004	0,008	0,011
34502686	1.00	0,066	0,85	1,666	0,007	0,011	0,026	0,009	0,005	0,068	0,007	0,005	0,008	0,011
34502687	1.00	0,065	0,857	1,657	0,008	0,011	0,029	0,007	0,004	0,069	0,008	0,005	0,007	0,012
34502689	1.00	0,064	0,862	1,665	0,008	0,012	0,028	0,011	0,004	0,073	0,008	0,004	0,007	0,012
34502692	1.00	0,071	0,865	1,676	0,009	0,013	0,031	0,014	0,005	0,068	0,007	0,004	0,006	0,011

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

Lot No	Diameter(mm)	Quantity(kg)	Tensile Strength	Yield Strength	Elongation(%)	Impact Energy(J)(-40)
34502685	1.00	2160	570	480	28	55
34502686	1.00	3240	570	480	28	55
34502687	1.00	1080	570	480	28	55
34502689	1.00	1080	570	480	28	55
34502692	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

