

**TEST CERTIFICATE**

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

Certificate No 543350	Date 08.03.2021	Dispatch No 2021000004279
Customer ALUNOX SCHWEISSTECHNIK GMBH		Lot Class
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 Num	Diameter (mm)	C	Si	Mn	P	S	Cr	Ni	Mo	Cu	V	Ti	Al	Zr
23010084	1.00	0,074	0,845	1,472	0,004	0,012	0,041	0,025	0,006	0,119	0,007	0,005	0,011	0,005
23012143	0.80	0,069	0,874	1,458	0,002	0,013	0,024	0,016	0,005	0,085	0,007	0,003	0,008	0,005
34609394	1.00	0,077	0,908	1,452	0,006	0,012	0,018	0,005	0,003	0,065	0,009	0,005	0,009	0,006

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

Production Number	Diameter(mm)	Quantity(kg)	Tensile Strength (N/mm <sup>2</sup> )	Yield Strength (N/mm <sup>2</sup> )	Elongation(%)	Impact Energy(J)(-40)
23010084	1.00	2160	560	460	27	75
23012143	0.80	2160	560	460	27	75
34609394	1.00	1080	560	460	27	75

We hereby certify that the product described above "complies with the term of the order" and "comforms with the related international standards."

Certification Services

