

**TEST CERTIFICATE**

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

<b>Certificate No</b> 523703	<b>Date</b> 13.01.2020	<b>Dispatch No</b> 40488
<b>Customer</b> ALUNOX SCHWEISSTECHNIK GMBH		
<b>Product Name</b> MG 2	<b>Approvals</b> ABS, CWB, DB, DNV-GL, HAKC, HAKC(1.00mm), HAKC(1.20mm), HAKC(1.60mm), RINA, TL, TUV	
<b>Standards</b> 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 No	Diameter (mm)	C	Si	Mn	P	S	Cr	Ni	Mo	Cu	V	Ti	Al	Zr
23092438	0.80	0,078	0,933	1,474	0,006	0,011	0,036	0,029	0,008	0,108	0,006	0,002	0,006	0,01
23092439	0.80	0,076	0,889	1,497	0,005	0,012	0,025	0,025	0,007	0,088	0,005	0,001	0,006	0,009
27650379	1.00	0,069	0,936	1,485	0,006	0,015	0,034	0,027	0,008	0,093	0,006	0,01	0,006	0,01
34277003	0.80	0,072	0,9	1,512	0,015	0,014	0,029	0,009	0,005	0,064	0,007	0,004	0,006	0,009

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

Lot No	Diameter(mm)	Quantity(kg)	Tensile Strength	Yield Strength	Elongation(%)	Impact Energy(J)(-40)
23092438	0.80	1080	530	430	28	55
23092439	0.80	1080	530	430	28	55
27650379	1.00	250	530	430	28	55
34277003	0.80	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

