

Standards :

**Chemical Composition of Welding Rod
% (Typical) :**

TS 6204 EN ISO 18273 :	S Al 5356 (AlMgCr-A)
EN ISO 18273 :	S Al 5356 (AlMgCr-A)
DIN 1732 :	SG-A1 Mg5
AWS A5.10 :	ER 5356

Al	Mg	Si	Mn
rest	5.0	0.5	0.5

Mechanical Properties :

Density (kg/dm ³)	Yield Strength (N/mm ²)	Tensile Strength (N/mm ²)	Elongation (L ₀ =5d ₀)(%)	Melting Range (°C)	Hardness (HB)
2.6	120	250	25	560 - 630	70

Features and Applications :

- * AlMg5 is magnesium alloyed aluminum TIG rod.
- * It is used for joining of aluminum alloys required high mechanical properties.
- * The weld deposit has a good resistance to atmospheric influences and sea water.
- * And the weld metal is proper for surface treatment such as anodizing and polishing.
- * It is recommended that preheating to 150 °C before welding of plates thicker than 15mm.
- * For gas welding, GeKaTec F-LH1 is recommended.
- * Shielding gas : Ar

Welding Method :

TIG Welding - Gas Welding

Current Type	MIG Wire
TIG D.C.(-)	GeKa AlMg 5

Welding Positions :



Operating Data :

Diameter x Length (mm)	Diameter x Length (inch)	Package Weight (Kg)
2.0 x 1000	5/64 x 39"	5
2.4 x 1000	3/32 x 39"	5
3.2 x 1000	1/8 x 39"	5

Approvals :

GOST-R, SEPRO