GeKa

AlMg 5

Standards :

TS 6204-EN ISO 18273	:	S Al 5356 (AlMgC-A)
EN ISO 18273	:	S Al 5356 (AlMgC-A)
AWS A5.10	:	ER 5356

Chemical Composition of Welding Wire % (Typical) :

Mg	Mn	Si	Fe	Al
5.0	0.3	<0.25	<0.40	rest

Mechanical Properties :

Yield Strength (N/mm^2)	Tensile Strength (N/mm^2)	Elongation ($L_o=5d_o$)(%)	Working Temperature (°C)
180	260	20	575-633

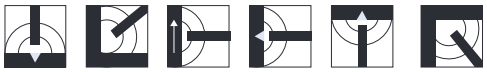
Typical Base Material Grades :

* AlMg 5, AlMg 4.5, G-AlMg 5, G-AlMg 10, AlMgSi 1, G-AlMg 3(Cu), AlMg 2.5Mn, AlMg 2 Mn 0.8, AlMg 3, AlMg 3 Si, G-Almg 3, AlMg 4.5 Mn, G-AlMg 3 Si, AlMg Si 0.5, AlMgSi 0.7, AlMgSi 0.8, AlMgSi 0.8, AlMgSi 1 Cu, AlZn 4.5 Mg 1.

Features and Applications :

* It is used for joining aluminum alloys includes over 3 % Mg. Resistance to sea water.
* Application field is cup and boilers, columns, marine applications.
* Required use of Ar, He or Ar+He gas as shielding gas.

Welding Positions :



Current Type :

MIG D.C.(+)

Operating Data :

Diameter x Length (mm)	Diameter x Length (inch)	Package Weight (Kg)
0.80	0.030"	5
1.00	0.040"	7
1.20	0.047"	7
1.60	0.062"	7

Approvals :

GOST-R, SEPRO