

ER5356

GP ALUMINUM ALLOY MIG WIRE, AlMg5



SIZE	AMPS
0.8mm	60-170A
0.9mm	70-190A
1.0mm	90-210A
1.2mm	125-260A

CHARACTERISTICS

- 1, Good strength
- 2, Good feedability
- 3, Very bright weld bead

TYPICAL APPLICATIONS

- 1, Boats, ships, bicycles, trucks
- 2, Pressure vessels
- 3, Automotive parts and equipment.

CLASSIFICATION

AWS A/SFA 5.10 ER5356
EN ISO18273 S Al 5356 (AlMg5)

WELDING POSITIONS (ISO/ASME)



EQUIVALENT TO

CHEMICAL COMPOSTIONS (Wt%), ALL WELD METAL, TYPICAL

Cu	Fe	Mn	Mg	Si
0.01	0.12	0.15	4.8	0.06

AVAILABLE SIZES (DIA.)

0.8mm/0.9mm/1.0mm/1.2mm/1.6mm

PACKAGING DETAILS

0.5/2/6/7kg Spools

CURRENT TYPE

(MIG:DC+ TIG:AC)

MECHANICAL PROPERTIES, ALL WELD METAL, TYPICAL

Condition	Shielding Gas	Yield Strength (mpa)	Tensile Strength (mpa)	Elongation(%)
AW	100% Ar	182	288	16

Note:
Shielding gas: 100% Ar Gas speed 15-25L/Min.

