



MIG ALG5M

Old reference: MIG AlMg5Mn

Classification

ISO 18273 : S Al 5556A (AlMg5Mn)

AWS A5.10 : ER5556

Description & Applications

Solid wire for GMAW used to weld the Aluminium alloy AG5MC. High mechanical strength.

Main applications: Used for diverse construction such as armament to boiler-making.

Typical Chemical Composition (%)

Si	Fe	Cu	Mn	Mg	Zn	Ti	Cr	Al
0.2	0.4	0.01	0.7	5.2	0.02	0.1	0.1	Rem.

All Weld Metal Mechanical Properties

$R_{p0.2}$ (MPa)	R_m (MPa)	A_5 (%)
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Welding Current & Instructions

Welding mode	Wire Ø (mm)	Welding parameters		Shielding Gas
		Pulsed arc (A)	(V)	
MIG = +	1.0	100-150	18-22	Ar/He: 18-20 l/min
	1.2	130-200	18-25	
	1.6	170-250	20-27	

Ind.10



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