



TIG ALG5M

Old reference: TIG AlMg5Mn

Classification

AWS A5.10 : ER5556A

ISO 18273 : S Al 5556A (AlMg5Mn1 (A))

Description & Applications

Solid rod for GTAW of similar Aluminium alloy AG5MC. High mechanical characteristic.

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

Typical Chemical Composition (%)

	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Be	O/T	Al
Min				0.6	5.0	0.05		0.05			
Max	0.25	0.40	0.10	1.0	5.5	0.20	0.20	0.20	0.0003	0.15	Rem.
Type	0.20	0.40	0.01	0.70	5.2	0.10	0.02	0.10	0.0001	<0.15	Rem.

All Weld Metal Mechanical Properties

	R _{p0.2} (MPa)	R _m (MPa)	A ₅ (%)
Min	-	-	-
Max			
Type	145	295	25

Welding Current & Instructions

Welding mode	Shielding Gas
GTAW AC (~)	ISO 14175: I1 (100% Ar) / I3 (Ar+ 5-30%He) 5-10 L/min

FT En-TL07-170118

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Fumes: Consult information on MSDS, available upon request.

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