



# TIG ALG4Z2

Old reference: TIG AlMg4Z2

## Classification

ISO 18273 : S Al Z (AlMg4Zn2)

## Description & Applications

Solid rod for GTAW of Aluminium alloy like AZ5G, 7020.

**Main applictaions:** Nuclear plant and armament.

## Typical Chemical Composition ( % )

	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Al
Min									
Max					Not specified				
Type	0.05	0.10	0.003	0.40	4.0	0.10	2.0	0.10	Rem.

## All Weld Metal Mechanical Properties

	R <sub>p0.2</sub> ( MPa )	R <sub>m</sub> ( MPa )	A <sub>5</sub> ( % )
Min	-	-	-
Max			
Type	-	-	-

## 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-TL08-170118

**Liability:** This document is intended to assist the user in choosing the product. It is up to the user to verify that the chosen product is suitable for applications for which it is intended. The company FSH Welding Group reserves the right to alter specifications without prior notice of its products. The descriptions, illustrations and specifications are for reference only and cannot be held liable for FSH Welding Group.

**Fumes:** Consult information on MSDS, available upon request.

[www.fsh-welding.com](http://www.fsh-welding.com) - [info@fsh-welding.fr](mailto:info@fsh-welding.fr)