



TIG EZ33A

Classification

AMS : 4396

AFNOR : Mg Zn 2

Description & Applications

Solid rod for GTAW of wrought and cast base Magnesium alloys working at high temperature.

Typical Chemical Composition (%)

	Total Rare Earths*	Zn	Zr	Mg	A/T
Min	2.5	2.0	0.45		
Max	4.0	3.1	1.0	Rem.	0.30
Type	3.2	2.5	0.60	Rem.	<0.30

* Mixture of Cerium, Lanthanum, Neodymium and Praseodim

All Weld Metal Mechanical Properties

	R _{p0.2} (MPa)	R _m (MPa)	A ₅ (%)	KV (J)
Min	-	-	-	-
Max	-	-	-	-
Type				

Welding Current & Instructions

Welding mode	Shielding Gas
TIG = -	ISO 14175: I1 (100% Ar) / I2 (100% He) / I3 (Ar+ 5-30%He) 6-12 L/min

FT En-TG02-170316

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