

**Specifications:**

AWS A5.19  
 AWS Class R-AZ92A  
 MIL-W-6944  
 UNS M11922  
 AMS 4395

**Properties:**

**Tensile Strength:** 25,000 psi  
**Yield Strength:** 14,000 psi  
**Melting Point:** 1112°F

**Description:**

**WT AZ92A is a general purpose magnesium alloy ideal for applying to cast and wrought magnesium materials. WT AZ92A is used in the fabricating and repair of base materials with similar composition.**

**Available in multiple sizes and diameters in spool and wire rods.**

**Chemical Composition (Wt%)**

Si	Mn	Cu	Zn	Al	Ni	Mg	Fe	Be	Other total
0.05	0.15 min.	0.05	1.7-2.3	8.3-9.7	0.005	BAL	0.005	2ppm-8ppm	0.3

Note: Single values are maximum unless otherwise noted.

**Maintaining a proper welding procedure, including pre-heat and interpass temperatures, may be critical depending on the type and thickness of material being welded.**

**CAUTION:** Consumers should be thoroughly familiar with the safety precautions on the warning label posted in each shipment and in the American National Standards A49.1, "Safety in Welding and Cutting," published by the American Welding Society, 8669 NW 36 Street, #130, Miami, FL 33126: OSHA Safety and Health Standards 29 CFR 1910 is available from the U.S. Department of Labor, Washington, D.C. 20210.